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|--|---|---|---------------|----------|
|  SANYO Manufacturing, S.A.de C.V. | <h1 style="margin: 0;">SERVICE NOTICE</h1> | <b style="color: red; font-size: 1.2em;">SN-12007 PAGE: 1 of 2 DATE: 12/21/12 | | |
| SUBJECT: <b style="color: red;">NEW SOFTWARE VERSION VER.54 FOR , PCB New revision; 1LG4B10Y105B0. NEW SOFTWARE VERSION. 54 | AFFECTED MODELS: Y12 US2L - Z6WE DP50842 US2L - Z6WF FVM5082. US2L - Z6WEM DP50842M. | | | |
| <p>BACKGROUND.</p> <p>Digital PCB Change from revision 0 ,to Rev B,due to some components relocation,near corner to avoid contact with grounding plate,Also white mark was added to reduce using of Plastic Washer (See page 2)</p> <p>Also new Software version came up,to increase performance on product.</p> <p>This software version is applicable only for 1LG4B10Y105B0 Main PCB.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>NEW VERSION MAIN PCB. 1LG4B10Y105B0</p> </div> <div style="width: 45%; text-align: right;"> <p>White squares marks on corners Only for this PCB S/W (Ver 54)</p> </div> </div>  <p>For USB Software download,please save the following extension file to your USB device.</p> <p style="text-align: center;">P320app_748.230XX_PRODUCTION_complete.zimage</p> <p>STEPS FOR SOFTWARE, MANUAL DOWNLOAD</p> <ol style="list-style-type: none"> A. Inspect main PCB version. B. Be sure of proper connections on all pcb's C. Connect ac cable to the TV unit and send line switch. D.Insert USB flash memory,in to USB TV Port. E. Press Vol - on the TV button unit,and MENU in the RC,at same time. F. Press enter,wait until " DOWNLOAD IS SUCCESSFUL " blue message appears,press power and disconnect ac cord, wait aprox 15 seconds and connect ac cord again to verify,that new version was correctly loaded. G. Make sure,new application software,boot versions and opt are correctly after ac off/on cycle was done. <p>NOTE: For the internal TV CPU sw update,the TV must be ac off/on after update process have finished. The update will be reflected on boot ver.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <p>APPL:748.230.54.0.0.1- OPT: XX XX BOOT VER: 748.230.105 EDID: 01.52 P CODE:0A46</p> </div> | | | | |
| REVISION | DATE | DESCRIPTION | ORIGINATOR | APPROVAL |
| Rev.0 | 1/9/2013 | NEW SOFTWARE VERSION | Misael Robles | |

|  SANYO Manufacturing, S.A.de C.V. | | <h1>SERVICE NOTICE</h1> | | <h2>SN-12007</h2> | | | | | | | | | | | |
|--|----------|---|---------------|-------------------|--|----------|------|-------------|------------|----------|-------|----------|----------------------|---------------|--|
| | | PAGE: 2 of 2 DATE: 12/21/12 | | | | | | | | | | | | | |
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| <p>FOR MAIN PCB VERSION 1LG4B10Y10500,PLEASE USE S/W VERSION 44.</p> <p>TO IDENTIFY PCB,VERSION,IS NECESSARY TO OPEN THE TV AND MAKE A VISUAL CHECK OF DIGITAL MAIN PCB VERSION NUMBER .</p> <p>DON'T FORGET TO PLACE BACK RUBBER WASHER, DURING REASSEMBLY</p> | | | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Prior version, Main PCB. 1LG4B10Y10500</p>  </div> <div style="text-align: center;"> <p>Plastic washer on this corner must be used For this PCB S/W (Ver. 44)</p>  </div> </div>  | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; background-color: yellow; padding: 10px;"> <p>Note: This notice is only to inform about the two different Main Bds.. The Main that you have or will receive should have the correct SW installed. Step# E (first page) explains how to check the SW #. 02/01/13</p> </div> | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">REVISION</th> <th style="width: 15%;">DATE</th> <th style="width: 40%;">DESCRIPTION</th> <th style="width: 20%;">ORIGINATOR</th> <th style="width: 10%;">APPROVAL</th> </tr> <tr> <td>Rev.0</td> <td>1/9/2013</td> <td>NEW SOFTWARE VERSION</td> <td>Misael Robles</td> <td></td> </tr> </table> | | | | | | REVISION | DATE | DESCRIPTION | ORIGINATOR | APPROVAL | Rev.0 | 1/9/2013 | NEW SOFTWARE VERSION | Misael Robles | |
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SANYO TROUBLESHOOTING GUIDE 2012 MODELS

P50842-00 / P50842M-00 / P50842-01 / P50842M-01

This guide is divided into 4 sections/pages depending on type of defect:

page 1)No Green LED Power Light.(LED never turns“ON”)

page 2)Green LED Light is “ON”, but Backlight is not “ON”,or only turn“ON & then OFF”.

page 3)Green LED Light is “ON”, and Backlight is “ON”, but there is no video/OSD.

page 4)Green LED Light turns “ON”, but then turns “OFF”within 10 seconds.

Please select the section/page that matches your defect and follow the flow chart.

These models & chassis versions are in this guide:

P50842-00

P50842M-00

P50842-01

P50842M-01

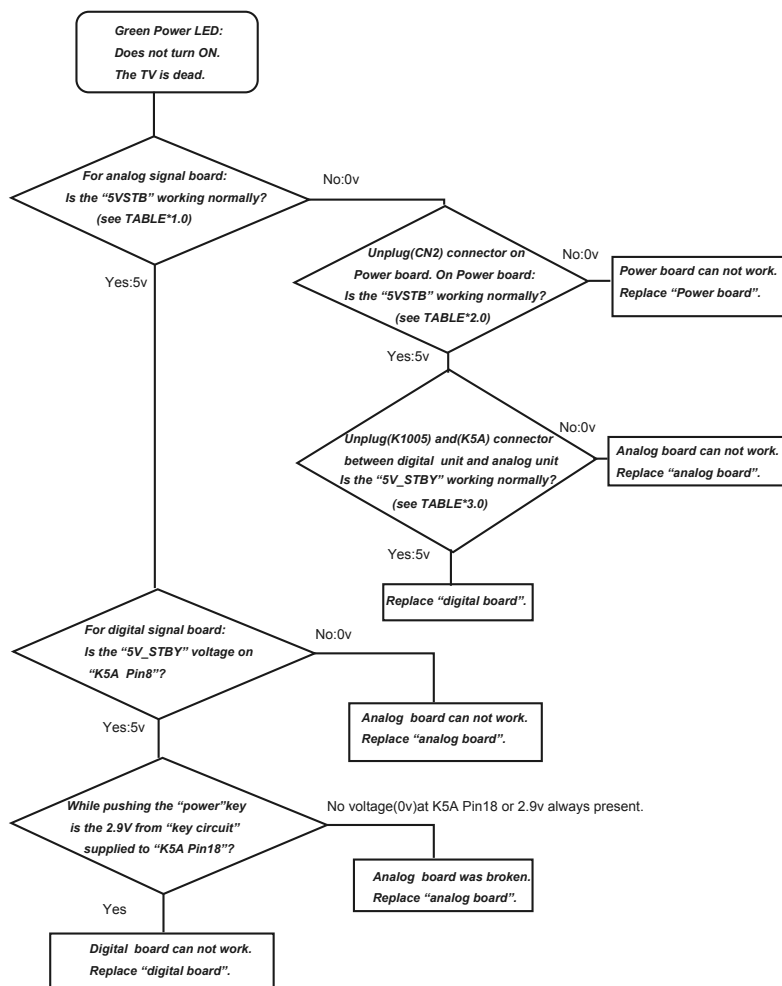
PLEASE KEEP THIS GUIDE.

IT WILL NOT BE PROVIDED FOR EVERY REPAIR.

techsupport@sanyotv.com

Repair Flow Chart: Trouble Condition

Green Power LED does not turn on. The TV is dead.



(TABLE *1.0)Analog board:5VSTB Test Points

| 50" Models | | 5VSTB on analog board | Confirmation Voltage |
|------------|-------|-----------------------|----------------------|
| P50842-00 | Z6WE | Analog K8B Pin3 | 5V |
| P50842M-00 | Z6WEM | | |
| P50842-01 | Z6WF | | |
| P50842M-01 | Z6WFM | | |

(TABLE *2.0) Power board:5VSTB Test Points

| 50" Models | | 5VSTB on power board | Confirmation Voltage |
|------------|-------|----------------------|----------------------|
| P50842-00 | Z6WE | Power CN2 Pin3 | 5V |
| P50842M-00 | Z6WEM | | |
| P50842-01 | Z6WF | | |
| P50842M-01 | Z6WFM | | |

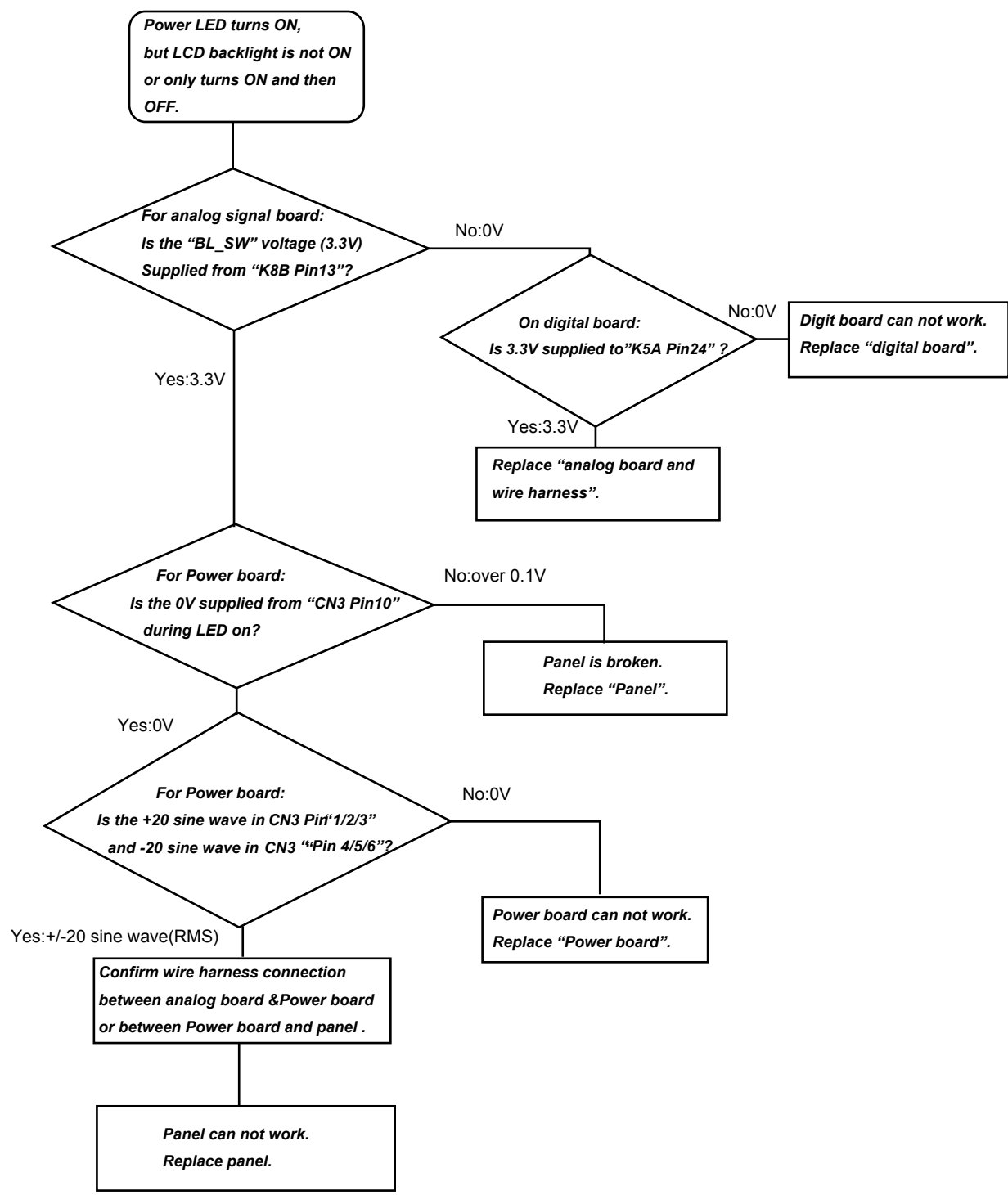
(TABLE *3.0)Digital board:5V_STBY

| 50" Models | | 5V_STBY on analog board | Confirmation Voltage |
|------------|-------|-------------------------|----------------------|
| P50842-00 | Z6WE | Analog board K1005 Pin8 | 5V |
| P50842M-00 | Z6WEM | | |
| P50842-01 | Z6WF | | |
| P50842M-01 | Z6WFM | | |

Repair Flow Chart: Trouble Condition

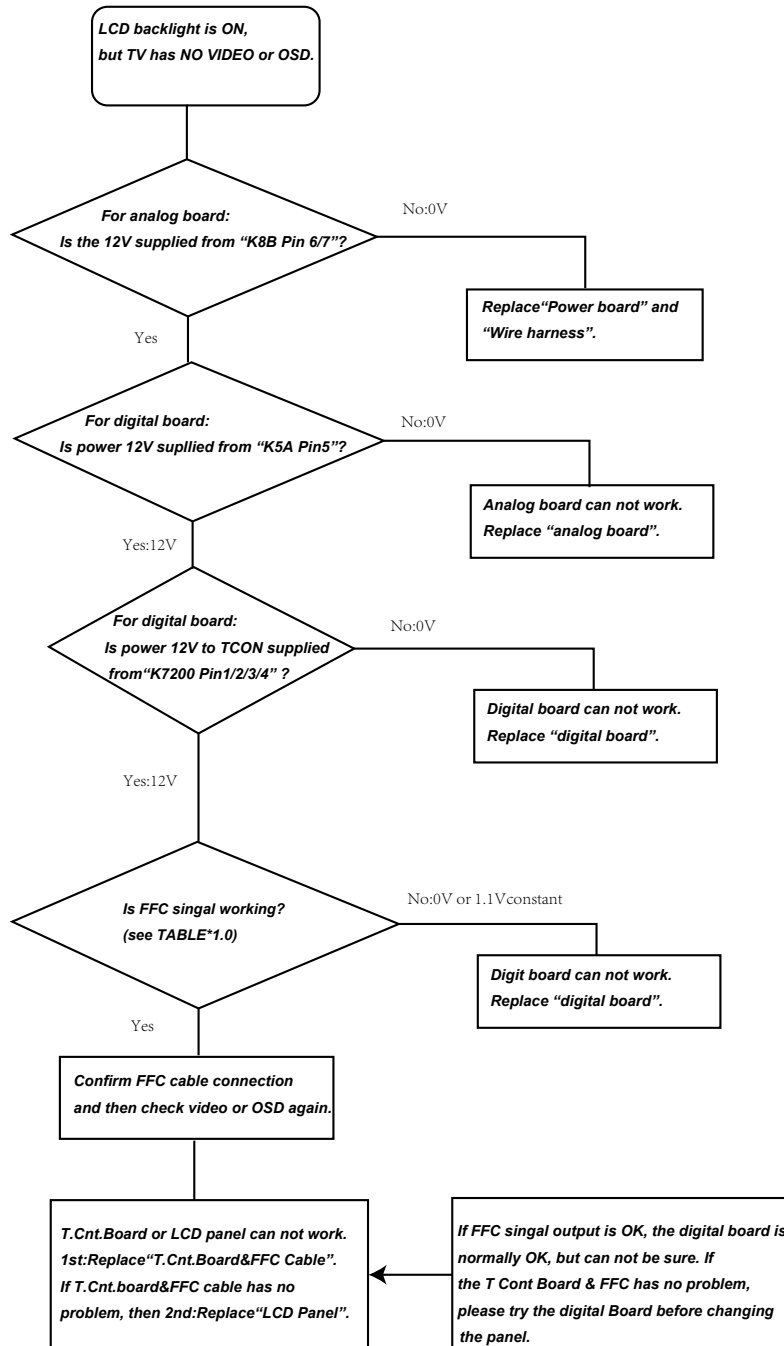
Green Power is on, but LCD backlight is not on.

Backlight does not turn on, or only turns on and then off.



Repair Flow Chart: Trouble Condition

Green Power LED and LCD backlights is ON, but no video or OSD.



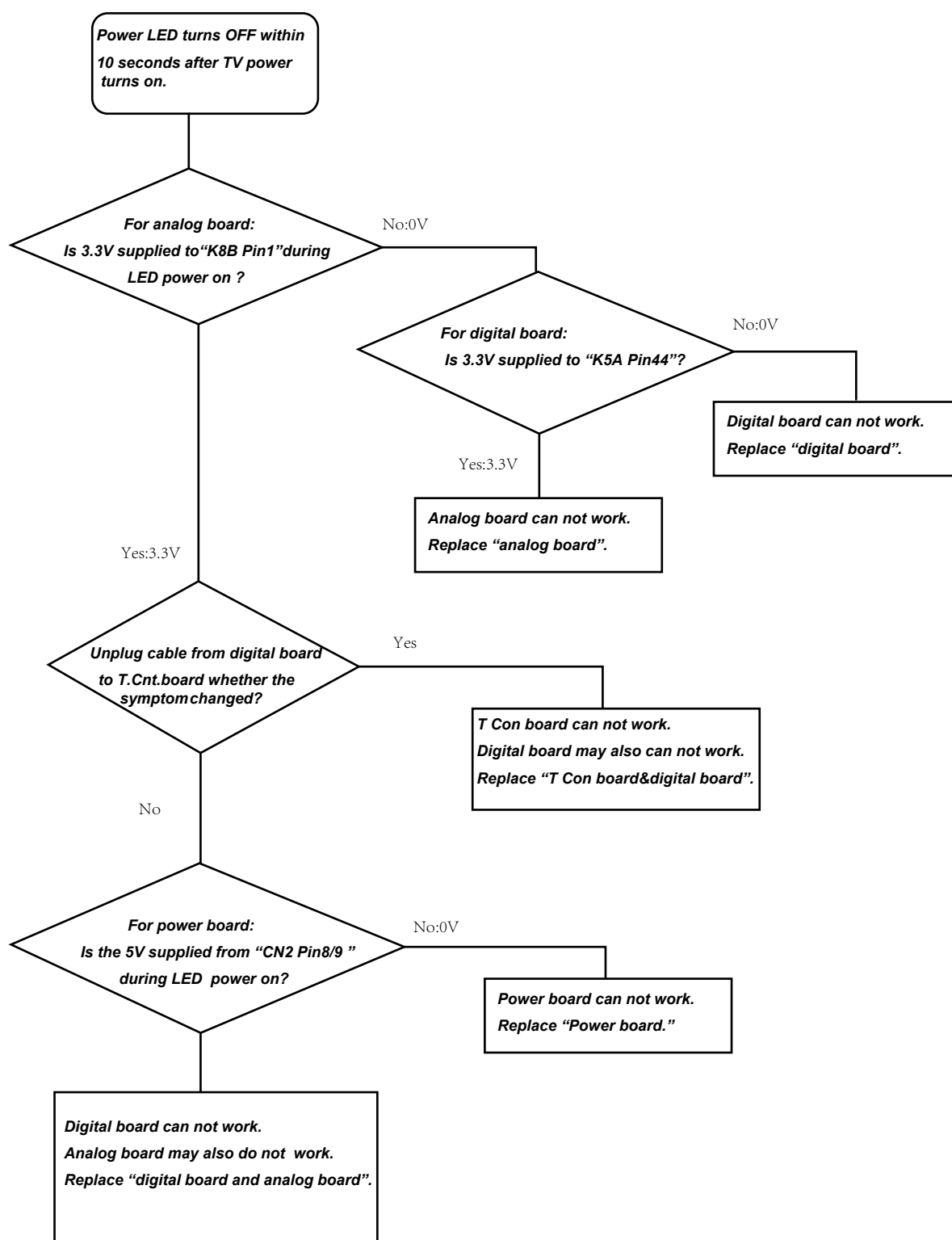
(TABLE*1.0)Main board:"FFC Clock"Test Points

| 50" Models | | LVDS Clock on digital board | |
|------------|-------|-----------------------------|--|
| P50842-00 | Z6WE | K7200 Pin32 clock+ | |
| P50842M-00 | Z6WEM | K7200 Pin33 clock- | |
| P50842-01 | Z6WF | | |
| P50842M-01 | Z6WFM | | |

Note:The bandwidth of the oscilloscope and probe must be at least 100MHZ or higher to check if the clock pulse exists.

Repair Flow Chart: Trouble Condition

Power LED turns OFF within 10 seconds after the TV power turns on





FILE NO.

SERVICE MANUAL

Remote Control Digital Color Television

DP50842 (U.S.A.)
(CANADA)
ORIGINAL VERSION



Chassis No. P50842-00

NOTE: Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

If the Original Version Service Manual Chassis No. does not match the unit's, additional Service Literature is required. You **must** refer to "Notices" to the Original Service Manual prior to servicing the unit.

Servicing should be performed by only trained and qualified service personnel.

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Specifications

| | |
|-------------------------------|--|
| POWER RATING | 120VAC 186 W (AVG.) |
| ANTENNA INPUT IMPEDANCE | 75Ω UHF/VHF/CATV DIGITAL |
| RECEIVING CHANNEL | 2 - 13 (VHF), 14 - 69 (UHF), 01, 14-94, 95-135 (CATV) 1-135 (DIGITAL) |
| REMOTE READY | 36 KEY REMOTE CONTROL |
| SOUND OUTPUT | 10.0 W/CH |
| INTERMEDIATE FREQUENCY | |
| PICTURE IF CARRIER | 45.75MHz |
| SOUND IF CARRIER | 41.25MHz |
| COLOR SUB CARRIER | 42.17MHz |
| CABINET DIMENSIONS | |
| WIDTH | 1178mm |
| HEIGHT | 739mm |
| DEPTH INCLUDING BASE | 265mm |

SAFETY INSTRUCTIONS

SAFETY PRECAUTIONS

WARNING: The chassis of this receiver has a floating ground with the potential of one half the AC line voltage in respect to earth ground. Service should not be attempted by anyone not familiar with the precautions necessary when working on this type of equipment.

The following precautions must be observed:

1. An isolation transformer must be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. Comply with all caution and safety-related notes provided inside the cabinet, on the chassis, and on the back.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as control knobs, adjustment covers, shields and barriers.
4. Before replacing the back cover of the set, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

Before returning any television to the customer, the service technician must perform the following safety checks to be sure that the unit is completely safe to operate without danger of electrical shock.

ANTENNA COLD CHECK

Remove AC plug from the 120 VAC outlet and place a jumper across the two blades. Connect one lead of an ohmmeter to the jumpered AC plug, and touch the other lead to each exposed antenna terminal (UHF and VHF antenna terminals). The resistance must measure between 1M ohm and 5.2M ohm. Any resistance value below or above this range indicates an abnormality which requires corrective action.

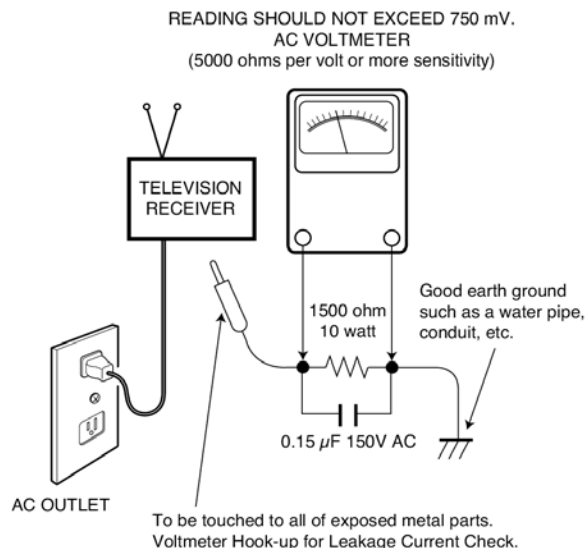
LEAKAGE CURRENT CHECK

Plug the AC line cord directly into a 120 VAC outlet. (Do not use an isolation transformer for this check.) Use an AC voltmeter, that has 5000 ohms per volt or more sensitivity. Connect a 1500 ohm 10 watt resistor, paralleled by a 0.15 μ F 150 VAC capacitor, between a known good earth ground (water pipe, conduit, etc.) and all exposed metal parts of the cabinet (antennas, handle bracket, metal cabinet, screw heads, metal overlays, control shafts, etc.). Measure the AC voltage across the 1500 ohm resistor. The AC voltage should not exceed 750 mV. A reading exceeding 750 mV indicates that a dangerous potential exists. The fault must be located and corrected. Repeat the above test with the receiver power plug reversed.

NEVER RETURN A RECEIVER TO THE CUSTOMER WITHOUT TAKING THE NECESSARY CORRECTIVE ACTION.

PRODUCT SAFETY NOTICE

When replacing components in a receiver, always keep in mind the necessary product safety precautions. Pay special attention to the replacement of components marked with a ⚠ in the parts list and in the schematic diagrams. To ensure safe product operation, it is necessary to replace those components with the exact same PARTS.



SERVICING ELECTROSTATICALLY SENSITIVE DEVICES

Semiconductors (solid-state devices) that can be damaged by static electricity are referred to as Electrostatically Sensitive (ES) devices. Examples of typical ES devices are: Integrated Circuits (IC), Field-Effect Transistors (FET), and "chip" components. The following techniques should be observed strictly, to reduce the occurrence of semiconductor damage due to electrostatic discharge.

1. Immediately prior to handling any semiconductor component or an assembly containing a semiconductor device or devices, discharge the electrostatic buildup on your body by touching a known earth ground. You may also obtain and wear a commercially available discharging wrist strap device.

CAUTION: Be sure to remove the wrist strap before applying power to any unit being serviced.

2. After removing an ES equipped assembly, place it on a conductive surface, such as, aluminum foil, to prevent buildup or exposure to static electricity.
3. Use only grounded-tip soldering irons to solder or unsolder ES devices.
4. Use only anti-static solder removal devices. Some suction-type devices can generate static electricity adequate to damage ES devices.
5. A replacement ES device will come packaged in protective material (conductive foam, aluminum foil, or some comparable conductive material). Do Not remove an ES device from its protective packaging unless you are prepared to install it immediately.
6. Precisely prior to removing an ES device from its protective packaging, touch the protective packaging to the chassis or assembly in which the device will be installed.

CAUTION: Be sure that no power is applied to the chassis or circuit assembly.

7. Incidental body movements, such as, lifting a foot from a carpeted floor or the rubbing of fabric together can generate static electricity sufficient to damage ES devices. Therefore, minimize all body movements while handling exposed (unpacked) ES devices.

SERVICE ADJUSTMENTS

GENERAL

This set has an On-screen Service Menu system included in the CPU that allows remote operation for most of the service adjustments.

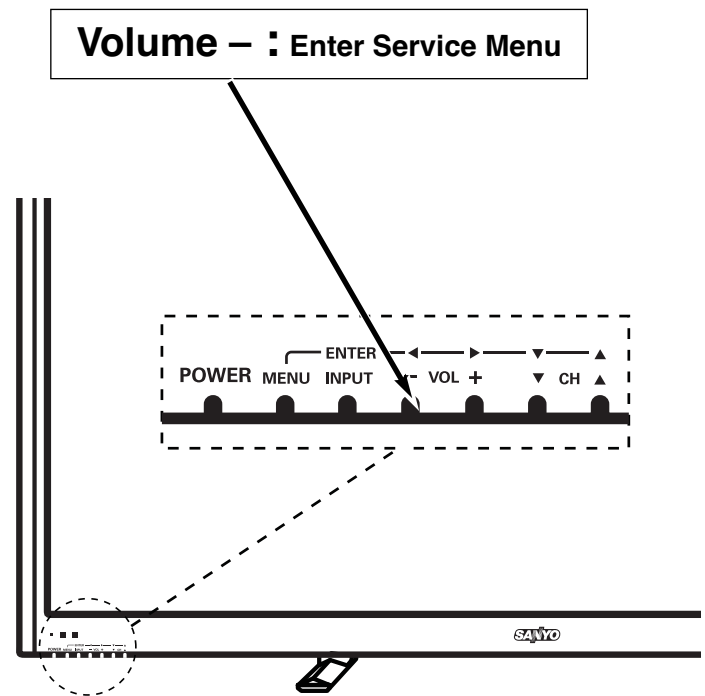
ON-SCREEN SERVICE MENU SYSTEM

1. Enter the Service Menu:

- Turn off the receiver and disconnect the AC power supply.
- While pressing the Volume (≡) button on the television, reconnect the AC power supply. The Service Menu will now appear. The remote can now be used to make adjustments. See Figure 1 below.

| ITEM NO. | TITLE | HEX DATA | | | |
|----------|---------------|----------|------|-----|-----|
| Index | ParameterName | Value | Def. | MIN | MAX |
| 1 | FACTORY_VOL | 0x21 | 48 | 0 | 255 |

Figure 1. Service Menu Display

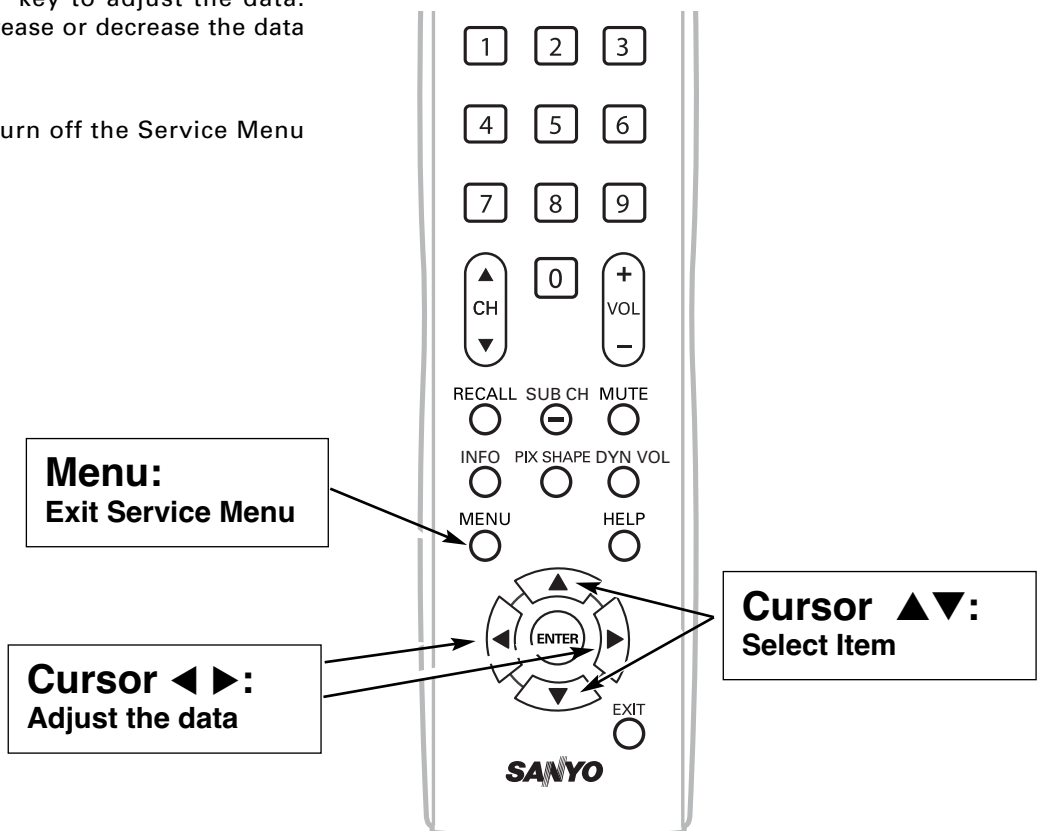


2. Service Adjustments:

- Press the Cursor ▲ and ▼ key to select the desired service menu item you want to adjust. See page 4 for the On-screen Service Menu.
- Use the Cursor ◀ or ▶ key to adjust the data. The ◀ or ▶ key will increase or decrease the data sequentially.

3. Exit from the Service Menu:

- Press the **MENU** key to turn off the Service Menu display.



ON-SCREEN SERVICE MENU

Table 1. ON-SCREEN SERVICE MENU

When IC7600 (Flash Memory) is replaced, check the bus data to confirm they are the same as below. See page 3 for On-Screen Service Menu access and adjustments.

| Index | ParameterName | Value | Min | Max |
|-------|---------------|-------|-----|-----|
| 02 | OP1 | 00h | 0 | 255 |
| 03 | OP2 | 29h | 0 | 255 |

NOTES: Option 2 Data (Display Panel)

Option 1 and Option 2 data is initial and can be set according to adjustment information.

PROGRAM CODES

The microprocessor used in this model is a multi-purpose type and is used in several different models. To ensure proper operation and the correct features for your particular model, the program codes must be correct.

Note 1. Option Data 1 (Index 02) should be hexadecimal 00.

See Index 02 above. If this program code is wrong the TV will not operate properly.

Note 2. Option Data 2 (Index 03) should be hexadecimal 29.

See Index 03 above. If this program code is wrong the TV will not operate properly.

POWER FAILURE CIRCUIT

Internal sub_CPU on main IC 5500 is programmed so the set will go to standby mode when there is circuit failure as described below. (Refer to "Block Diagram Power Lines".)

This unit is equipped with a Power Failure Detector function included in the sub_CPU which checks for an abnormal condition in the chassis power supplies.

If, while the power is on, a failure is caused by any of the following that results in a low voltage supply, the sub_CPU will turn the unit off in 1.5 seconds to prevent further damage:

- Failure within the power supply circuits.
- A short circuit in the load side from the supply.

Power Failure: Detected voltage failure for circuit.
(Connected to IC5500 pin W7.)

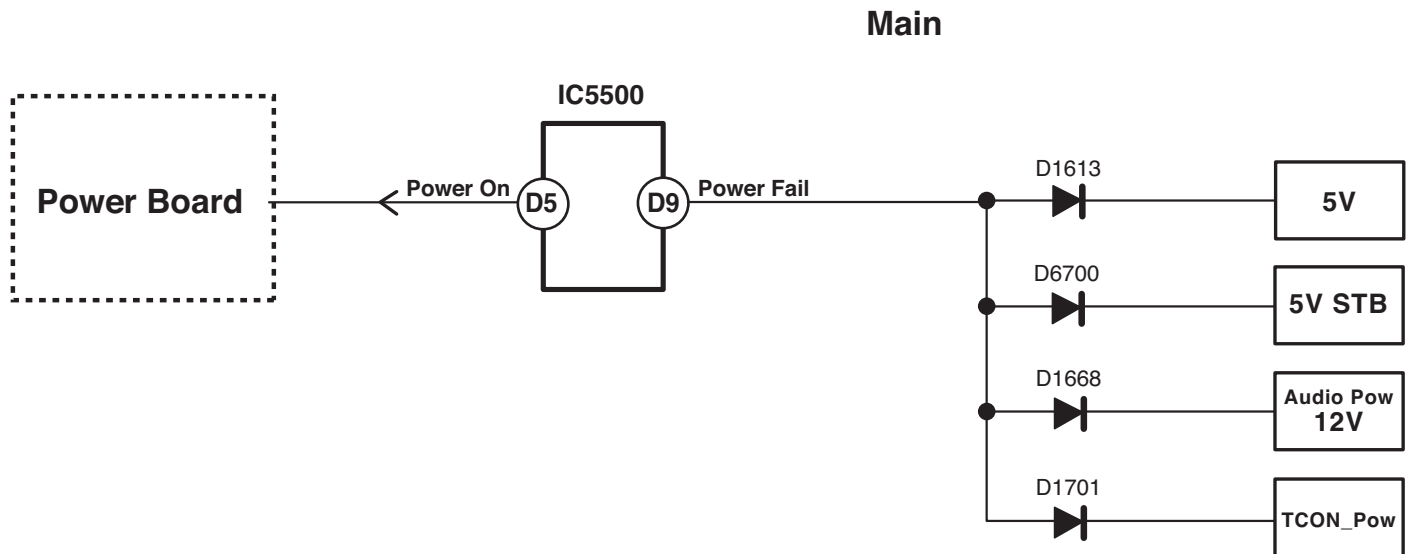
(Normal: High; Failure: Low)

If, while the power is off, the power is switched on and any of these failures remains uncorrected, the sub_CPU will shut off the power within three seconds.

Check the following if the unit is turned off by the power failure detector.

1. Disconnect the AC power cord (120V AC line) for a short time.
2. Connect a DC Voltmeter to the circuits shown below.
3. Press the Power key and check for the proper voltage supplies.
4. If any of these voltages is low, the power failure detector should turn the unit off within three seconds.
5. Check all circuits shown below.

Note: If power failure is detected 3 times in 15 minutes, the set will enter the standby mode and cannot be switched On. To reset the operating programs of the sub_CPU it is necessary to disconnect the AC cord for a short time.



MECHANICAL DISASSEMBLY

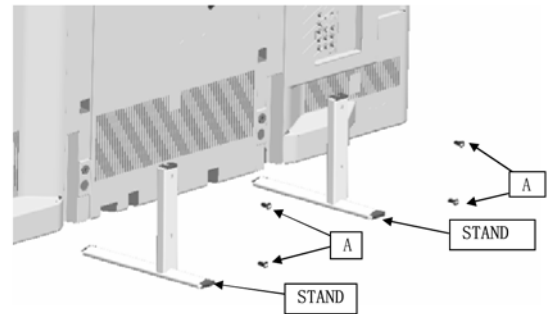
CAUTION:

This LCD TV uses several different kinds of screws. Using the correct screw is necessary to prevent damage. Lead wires must be redressed to their previous locations after servicing. The Earth sheet and gasket are provided to prevent interference to other radio and television receivers. The Earth sheet and gasket should be returned to its previous position after servicing.

STAND REMOVAL

Position TV face down on a padded or cushioned surface to protect the screen and finish.

Remove 4 screws (A:6X30) and remove the stand legs from the TV.

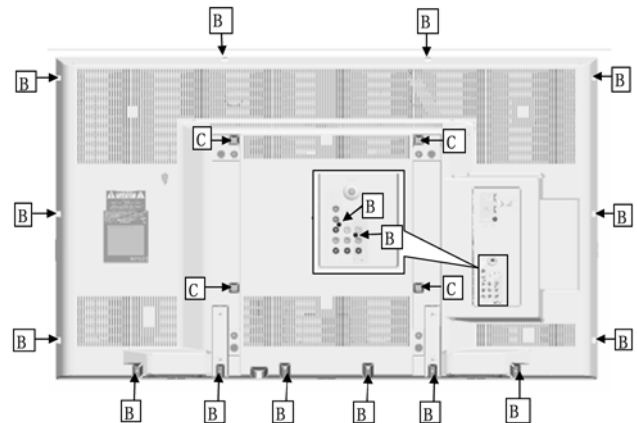


BACK CABINET REMOVAL

- CAUTION -

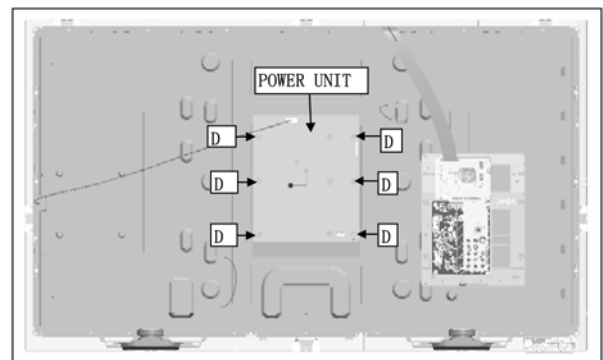
When the cabinet back is opened without following the procedure, the connector of LVDS and the power board might be damaged.

1. Remove 20 screws to take the back cabinet off. (B:3x10, 16 pcs.; C:4x8, 4 pcs.)



POWER UNIT REMOVAL

Remove 6 screws (D:3x6) to take the power unit off.

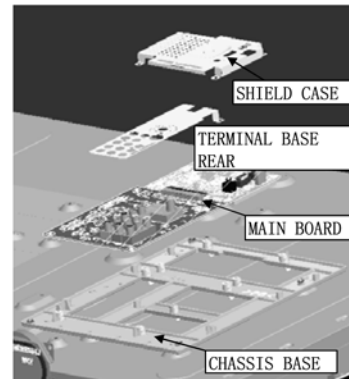
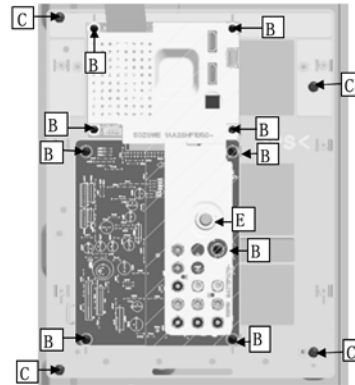


MECHANICAL DISASSEMBLY (Continued)

MAIN BOARD AND CHASSIS BASE REMOVAL

Remove 13 screws (B:3x10, 9pcs; C4x8, 4pcs.), one (1) Nut (E), and 9 sheets (F) to take the main (digital) board off.

ATTENTION – The earth sheet should be returned to its previous position after servicing.



SPEAKER REMOVAL

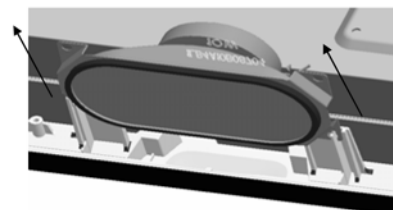
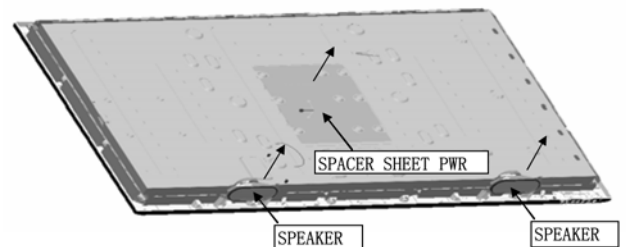
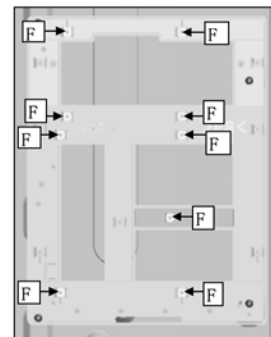
No screws.

Take off each speaker from Front Cabinet directly.

SPACER SHEET PWR REMOVAL

No screws.

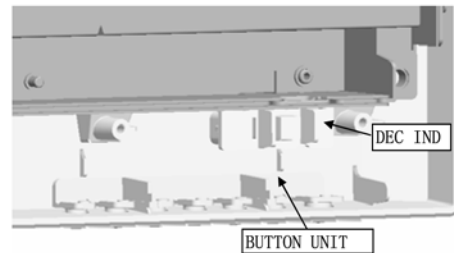
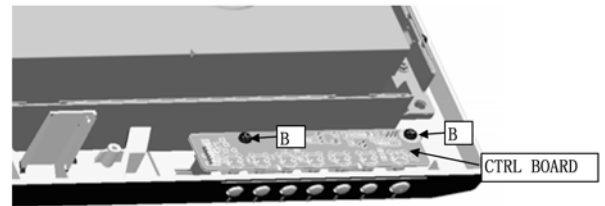
Rip away from Panel directly.



MECHANICAL DISASSEMBLY (Continued)

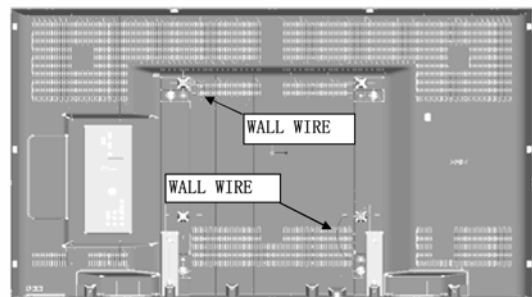
BUTTON UNITED REMOVAL

Remove 2 screws (B:3x10) to take the button unit off.

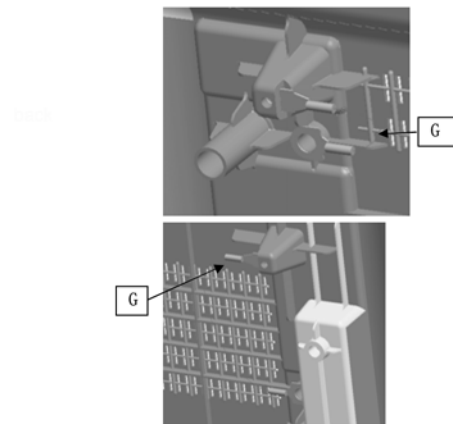


MOUNTING WALL REMOVAL

Remove 2 screws (G) to take the mounting wall off.



ATTENTION – Confirm Mounting wall wire is installed when you install the back cabinet.



ELECTROSTATICALLY SENSITIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

CHASSIS ELECTRICAL PARTS LIST

CAUTION: To Protect against electrical shock and for continued product safety, refer to SAFETY PRECAUTIONS and PRODUCT SAFETY NOTICE on Page 2.

PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER. COMPONENTS INDICATED BY A Δ IN THIS PARTS LIST AND THE SCHEMATIC DIAGRAM DESIGNATE COMPONENTS IN WHICH SAFETY CAN BE OF SPECIAL SIGNIFICANCE. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS DESIGNATED ON THE FOLLOWING PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY A Δ . NO DEVIATIONS FROM RESISTANCE, WATTAGE, AND VOLTAGE RATINGS MAY BE MADE FOR REPLACEMENT ITEMS DESIGNATED BY A Δ .

Note: Schematic part location numbers may not always match with the part descriptions.
The part descriptions are correct and should be used.

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

CAPACITORS

NOTES:

Read description of the Capacitor as follows:

(Example)

CERAMIC 100P K 50V

Rated Voltage

Tolerance Symbols:

Less than 10pF

A : Not specified B : $\pm 0.1\text{pF}$ C : $\pm 0.25\text{pF}$
D : $\pm 0.5\text{pF}$ E : $\pm 0.1\text{pF}$ F : $\pm 1\text{pF}$
G : $\pm 2\text{pF}$ H : $\pm 0.1 - 0\text{pF}$ L : $\pm 0 - 0.1\text{pF}$
R : $\pm 0.25 - 0\text{pF}$ S : $\pm 0 - 0.25\text{pF}$

More than 10pF

A : Not specified B : $\pm 0.1\%$ C : $\pm 0.25\%$
D : $\pm 0.5\%$ F : $\pm 1\%$ G : $\pm 2\%$
H : $\pm 3\%$ J : $\pm 5\%$ K : $\pm 10\%$
L : $\pm 15\%$ M : $\pm 20\%$ N : $\pm 30\%$
P : $\pm 100-0\%$ Q : $\pm 30-10\%$ T : $\pm 50-10\%$
U : $\pm 75-10\%$ V : $\pm 20-10\%$ W : $\pm 100-10\%$
X : $\pm 40-20\%$ Y : $\pm 150-10\%$ Z : $\pm 80-20\%$

Rated value: P=pico farad, U=micro farad

Material:

CERAMIC..... Ceramic
MT-PAPER..... Metallized Paper
POLYESTER..... Polyester
MT-POLYEST..... Metallized Polyester
POLYPRO..... Polypropylene
MT-POLYPRO..... Metallized Polypropylene
COMPO FILM..... Composite Film
MT-COMPO..... Metallized Composite
STYRENE..... Styrene
TA-SOLID..... Tantalum Solid
AL-SOLID..... Aluminium Solid
ELECT..... Electrolytic
NP-ELECT..... Non-polarised Electrolytic
OS-SOLID..... Aluminium Solid with Organic
Semi-conductive Electrolytic

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

RESISTORS

NOTES:

Read description of the Resistor as follows:

(Example)

CARBON 4.7K J A 1/4W

Rated Wattage

Performance Symbols:

A...General B...Non-flammable
Z...Low noise
Other... Temperature coefficient

Tolerance Symbols:

A...0.05% B...0.1% C...25%
D...0.5% F...1% G...2%
J...5% K...10% M...20%
P...+5 -15%

Rated Value, ohms:

K...1,000 M...1,000,000

Material:

CARBON..... Carbon
MT-FILM..... Metal Film
OXIDE-MT..... Oxide Metal Film
SOLID..... Composition
MT-GLAZE..... Metal Glaze
WIRE WOUND..... Wire Wound
CERAMIC RES..... Ceramic
FUSIBLE RES..... Fusible

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

CABINET PARTS

| | |
|--------------|------------------------|
| 1JC0BUM0627— | 50" BUTTON UNITED-Z6WE |
| 1JC0CAM0775— | 50" CABINET FRONT-Z6WE |
| 1JC0CBM0551— | 50" CABINET BACK-Z6WE |
| 1JC0CHM0059— | 50" CHASSIS BASE-Z6WE |

"ASSY,PWB,DIGITAL Z6WE"

CAPACITORS

| | | | | |
|------|--------------|---------|---------|-----|
| C001 | F1H1H102A219 | CERAMIC | 1000P K | 50V |
| | F1H1H102A748 | CERAMIC | 1000P K | 50V |
| C002 | F1H1H102A219 | CERAMIC | 1000P K | 50V |
| | F1H1H102A748 | CERAMIC | 1000P K | 50V |
| C003 | F1J1E105A213 | CERAMIC | 1U K | 25V |
| C004 | F1J1E105A213 | CERAMIC | 1U K | 25V |
| C005 | F1H1H102A219 | CERAMIC | 1000P K | 50V |
| | F1H1H102A748 | CERAMIC | 1000P K | 50V |
| C006 | F1H1H102A219 | CERAMIC | 1000P K | 50V |
| | F1H1H102A748 | CERAMIC | 1000P K | 50V |
| C007 | F1H1H102A219 | CERAMIC | 1000P K | 50V |
| | F1H1H102A748 | CERAMIC | 1000P K | 50V |
| C008 | F1H1H102A219 | CERAMIC | 1000P K | 50V |
| | F1H1H102A748 | CERAMIC | 1000P K | 50V |
| C009 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C010 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C011 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C012 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C013 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C014 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C015 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C016 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C018 | F1H1H331A792 | CERAMIC | 330P J | 50V |
| C019 | F1H1H331A792 | CERAMIC | 330P J | 50V |
| C020 | F1J1E105A213 | CERAMIC | 1U K | 25V |
| C021 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C022 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C023 | F1J1E105A213 | CERAMIC | 1U K | 25V |
| C024 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C025 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C026 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C027 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C028 | F1G1H150A541 | CERAMIC | 15P J | 50V |
| C029 | F1G1H150A541 | CERAMIC | 15P J | 50V |
| C031 | F1G1H681A571 | CERAMIC | 680P K | 50V |
| C032 | F1G1H101A541 | CERAMIC | 100P J | 50V |
| | F1G1H101A754 | CERAMIC | 100P J | 50V |
| C033 | F1G1H472A571 | CERAMIC | 4700P K | 50V |
| C034 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C035 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C036 | F1J1E105A213 | CERAMIC | 1U K | 25V |
| C037 | F1J1E105A213 | CERAMIC | 1U K | 25V |
| C038 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C040 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C041 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C042 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

| | | | | |
|-------|--------------|---------|---------|------|
| C5505 | F1J0J106A004 | CERAMIC | 10U K | 6.3V |
| | F1J0J106A020 | CERAMIC | 10U K | 6.3V |
| C5506 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5507 | F1H0J4750004 | CERAMIC | 4.7U K | 6.3V |
| C5508 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5509 | F1J0J106A004 | CERAMIC | 10U K | 6.3V |
| | F1J0J106A020 | CERAMIC | 10U K | 6.3V |
| C5510 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5511 | F1G1H1020008 | CERAMIC | 1000P K | 50V |
| C5512 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5513 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5514 | F1G1H1020008 | CERAMIC | 1000P K | 50V |
| C5515 | F1G1H1020008 | CERAMIC | 1000P K | 50V |
| C5516 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5517 | F1G1H221A737 | CERAMIC | 220P J | 50V |
| C5518 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5519 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5520 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5522 | F1G1H390A541 | CERAMIC | 39P J | 50V |
| C5523 | F1J0J106A004 | CERAMIC | 10U K | 6.3V |
| | F1J0J106A020 | CERAMIC | 10U K | 6.3V |
| C5525 | F1G1H221A737 | CERAMIC | 220P J | 50V |
| C5527 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5528 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5531 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5532 | F1J0J106A004 | CERAMIC | 10U K | 6.3V |
| | F1J0J106A020 | CERAMIC | 10U K | 6.3V |
| C5533 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5534 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5535 | F1G1H1020008 | CERAMIC | 1000P K | 50V |
| C5536 | F1G1H221A737 | CERAMIC | 220P J | 50V |
| C5538 | F1G1H1020008 | CERAMIC | 1000P K | 50V |
| C5539 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5540 | F1G1H1020008 | CERAMIC | 1000P K | 50V |
| C5541 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5542 | F1J0J106A004 | CERAMIC | 10U K | 6.3V |
| | F1J0J106A020 | CERAMIC | 10U K | 6.3V |
| C5543 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5544 | F1G1A105A047 | CERAMIC | 1U K | 10V |
| C5546 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5547 | F1G1H392A571 | CERAMIC | 3900P K | 50V |
| C5549 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5550 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5551 | F1G1H1020008 | CERAMIC | 1000P K | 50V |
| C5552 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5553 | F1G1H103A706 | CERAMIC | 0.01U K | 50V |
| C5554 | F1J0J106A004 | CERAMIC | 10U K | 6.3V |
| | F1J0J106A020 | CERAMIC | 10U K | 6.3V |
| C5555 | F1G1C104A077 | CERAMIC | 0.1U K | 16V |
| C5556 | F1J0J106A004 | CERAMIC | 10U K | 6.3V |
| | F1J0J106A020 | CERAMIC | 10U K | 6.3V |
| C5557 | F1G1A105A047 | CERAMIC | 1U K | 10V |
| C5558 | F1G1H1020008 | CERAMIC | 1000P K | 50V |
| C5559 | F1G1H1020008 | CERAMIC | 1000P K | 50V |
| C5560 | F1G1A105A047 | CERAMIC | 1U K | 10V |
| C5561 | F1G1H1020008 | CERAMIC | 1000P K | 50V |

| Schematic Location | Part No. | Description |
|--------------------|--------------|---------------------|
| C5562 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5563 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5565 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| C5566 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5567 | F1H0J4750004 | CERAMIC 4.7UK 6.3V |
| C5568 | F1G1H1020008 | CERAMIC 1000PK 50V |
| C5569 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5570 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| C5571 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5572 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5574 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5576 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5577 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5578 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5579 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5590 | F1G1E473A091 | CERAMIC 0.047UK 25V |
| C5592 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5595 | F1G1E473A091 | CERAMIC 0.047UK 25V |
| C5597 | F1G1H103A706 | CERAMIC 0.01UK 50V |
| C5600 | F1G1E473A091 | CERAMIC 0.047UK 25V |
| C5602 | F1G1E473A091 | CERAMIC 0.047UK 25V |
| C5606 | F1G1H390A541 | CERAMIC 39P J 50V |
| C5613 | F1H1H1500009 | CERAMIC 15P J 50V |
| C5614 | F1H1H1500009 | CERAMIC 15P J 50V |
| C5615 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5616 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5618 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5619 | F1G1H150A541 | CERAMIC 15P J 50V |
| C5650 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| C5700 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5701 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5702 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5703 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5704 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5705 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5707 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5708 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5709 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5711 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5712 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5713 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5714 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| C5715 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| C5750 | F1G1A105A047 | CERAMIC 1UK 10V |
| C5902 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C5903 | F1G1A684A047 | CERAMIC 0.68UK 10V |
| C5905 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6250 | F1G1A105A047 | CERAMIC 1UK 10V |
| C6251 | F1G1H1020008 | CERAMIC 1000PK 50V |
| C6252 | F1H0J4750004 | CERAMIC 4.7UK 6.3V |
| C6253 | F2G1C101A066 | ELECT 100UM 16V |

| Schematic Location | Part No. | Description |
|--------------------|---------------|-----------------------|
| | F2G1C101A071 | ELECT 100UM 16V |
| C6254 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6255 | F1G1H560A541 | CERAMIC 56P J 50V |
| C6256 | F1H0J4750004 | CERAMIC 4.7UK 6.3V |
| C6257 | F1H0J4750004 | CERAMIC 4.7UK 6.3V |
| C6258 | F1G1H560A541 | CERAMIC 56P J 50V |
| C6259 | F1H0J4750004 | CERAMIC 4.7UK 6.3V |
| C6260 | F1G1H1020008 | CERAMIC 1000PK 50V |
| C6261 | F1G1A105A047 | CERAMIC 1UK 10V |
| C6330 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6530 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6531 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6560 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6561 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6600 | F1G1A105A047 | CERAMIC 1UK 10V |
| C6601 | F1G1A105A047 | CERAMIC 1UK 10V |
| C6702 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6703 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| C6706 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6709 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| C6720 | F1H0J4750004 | CERAMIC 4.7UK 6.3V |
| C6721 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6722 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6723 | F1G1A105A047 | CERAMIC 1UK 10V |
| C6724 | F1G1H392A571 | CERAMIC 3900PK 50V |
| C6727 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| C6728 | F1G1H103A706 | CERAMIC 0.01UK 50V |
| C6729 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6730 | F1G1H221A737 | CERAMIC 220P J 50V |
| C6733 | F1G1A105A047 | CERAMIC 1UK 10V |
| C6740 | F1G1A2240008 | CERAMIC 0.22UK 10V |
| C6741 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6742 | F1G1C104A077 | CERAMIC 0.1UK 16V |
| C6744 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| C6752 | F1G1E473A091 | CERAMIC 0.047UK 25V |
| C6753 | F1G1A105A047 | CERAMIC 1UK 10V |
| C6754 | F1G1A105A047 | CERAMIC 1UK 10V |
| C6755 | F1J0J106A004 | CERAMIC 10UK 6.3V |
| | F1J0J106A020 | CERAMIC 10UK 6.3V |
| DIODES | | |
| D002 | B0ACCK000019 | DIODE 1SS355 |
| | B0ACDJ000007 | DIODE 1SS352-(TPH3) |
| | B0ACDJ000017 | DIODE 1SS352(TH3 F T) |
| | DDDA2J10100LG | DIODE DA2J10100L |
| D003 | B0ACCK000019 | DIODE 1SS355 |
| | B0ACDJ000007 | DIODE 1SS352-(TPH3) |
| | B0ACDJ000017 | DIODE 1SS352(TH3 F T) |
| | DDDA2J10100LG | DIODE DA2J10100L |
| D007 | B0BC6R100010 | ZD UDZS-TE-176.2B |
| | B0BC6R2A0384 | ZENER DIODE MM3Z6V2B |

| Schematic Location | Part No. | Description |
|----------------------------|---------------|---------------------------|
| D008 | DZDZ2J062M0LG | ZD DIODE DZ2J062M0L |
| | B0BC6R100010 | ZD UDZS-TE-176.2B |
| | B0BC6R2A0384 | ZENER DIODE MM3Z6V2B |
| D6700 | DZDZ2J062M0LG | ZD DIODE DZ2J062M0L |
| | B0ACCK000019 | DIODE 1SS355 |
| | B0ACDJ000007 | DIODE 1SS352-(TPH3) |
| | B0ACDJ000017 | DIODE 1SS352(TH3 F T) |
| | DDDA2J10100LG | DIODE DA2J10100L |
| INTEGRATED CIRCUITS | | |
| IC001 | C1AB00003628 | IC STA333W13TR |
| IC5500 | C1AB00003859 | IC ZR39748BGC-G-A3 |
| | C1AB00003956 | IC ZR39748HGCG |
| IC5700 | C3ABSY000102 | IC H5PS5162GFR-S6C |
| IC5750 | QXXAAJQ1461— | IC S25FL064P0XMF1000-Z6SE |
| IC5900 | C0EBY0001079 | IC XC6118N28AMR-G |
| IC6250 | C0ABBB000350 | IC BA4558RF-E2 |
| | C0ABBB000450 | IC NJM4558M-TE2 |
| IC6530 | C0JBAA000345 | “IC TC7SET08FU(T5L,JF)” |
| | C0JBAA000502 | “IC TC7SET08FU(5L,JF,T)” |
| | C0JBAA000505 | IC 74AHCT1G08GW |
| IC6560 | C0JBAA000345 | “IC TC7SET08FU(T5L,JF)” |
| | C0JBAA000502 | “IC TC7SET08FU(5L,JF,T)” |
| | C0JBAA000505 | IC 74AHCT1G08GW |
| IC6600 | C0DBZYY00485 | IC NCP380HSN05AAT1G |
| IC6700 | C0CBAYG00009 | IC LM1117S-ADJ |
| IC6720 | C0DBAYY01122 | IC BD9328EFJ-E2 |
| IC6750 | C0DBGYY02242 | IC AP2128K-ADJTRG1 |
| COILS | | |
| L001 | G1C220MA0445 | “INDUCTOR ,22UH” |
| L002 | G1C220MA0445 | “INDUCTOR ,22UH” |
| L003 | G1C220MA0445 | “INDUCTOR ,22UH” |
| L009 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L011 | JOJYC0000381 | “INDUCTOR , 220 OHM” |
| L012 | JOJYC0000381 | “INDUCTOR , 220 OHM” |
| L013 | G1C220MA0445 | “INDUCTOR ,22UH” |
| L017 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5500 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5501 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5502 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5503 | JOJYC0000381 | “INDUCTOR , 220 OHM” |
| L5504 | JOJYC0000381 | “INDUCTOR , 220 OHM” |
| L5505 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5506 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5507 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5508 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5509 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5510 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5511 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5512 | D0GB750JA041 | MT-GLAZE 75 JA 1/10W |
| | D0GB750JA072 | MT-GLAZE 75 JA 1/10W |
| | D0GB750JA089 | MT-GLAZE 75 JA 1/10W |
| L5513 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5514 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5515 | JOJCC0000371 | “INDUCTOR , 120 OHM” |
| L5516 | G1CR22JA0135 | “INDUCTOR ,0.22UH” |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| L6313 | D1HYR004A012 | R-NETWORK 0X4 0.063W |
| L6314 | D1HYR004A012 | R-NETWORK 0X4 0.063W |
| L6315 | D1HYR004A012 | R-NETWORK 0X4 0.063W |
| L6316 | D1HYR004A012 | R-NETWORK 0X4 0.063W |
| L6317 | D1HYR004A012 | R-NETWORK 0X4 0.063W |
| L6318 | D1HYR004A012 | R-NETWORK 0X4 0.063W |
| L6340 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L6501 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L6502 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L6503 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L6506 | JOJYC0000381 | “INDUCTOR , 220 OHM” |
| L6507 | JOJYC0000381 | “INDUCTOR , 220 OHM” |
| L6508 | JOJYC0000381 | “INDUCTOR , 220 OHM” |
| L6509 | JOJYC0000381 | “INDUCTOR , 220 OHM” |
| L6720 | G1C220MA0445 | “INDUCTOR ,22UH” |
| L6721 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L6722 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| TRANSISTORS | | |
| Q6250 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q6251 | B1ADCF000004 | TR 2SA1037AK-S-T146 |
| | B1ADCF000194 | TR ISA1235AC1F |
| | B1ADCF000195 | TR 2SA1037AK-T146-R |
| | B1ADCF000201 | TR ISA1235AC1E |
| | B1ADDF000004 | TR 2SA1235A1F |
| Q6252 | B1ADDF000017 | TR 2SA1235A1E |
| | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| | B1D added | |
| Q6329 | B1DHDD000041 | TR AO3407A |
| Q6330 | B1ABGD000007 | TR 2SC2411K-T146-Q |
| Q6331 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q6332 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q6332 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q6720 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q6721 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q6723 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q6740 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q6741 | B1ABCE000028 | TR MMBTSC3928R |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| Q6743 | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| | B1CHRD000053 | TR AO3400A |
| RESISTORS | | |
| R001 | D0GB5R6JA040 | MT-GLAZE 5.6 JA 1/10W |
| | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W |
| | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W |
| R002 | D0GB5R6JA040 | MT-GLAZE 5.6 JA 1/10W |
| | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W |
| | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W |
| R003 | D0GB5R6JA040 | MT-GLAZE 5.6 JA 1/10W |
| | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W |
| | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W |
| R004 | D0GB5R6JA040 | MT-GLAZE 5.6 JA 1/10W |
| | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W |
| | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W |
| R005 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R006 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R007 | JOJCC0000371 | "INDUCTOR, 120 OHM" |
| R008 | JOJCC0000371 | "INDUCTOR, 120 OHM" |
| R009 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R010 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R012 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R013 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R015 | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA089 | MT-GLAZE 2.2K JA 1/10W |
| R019 | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA089 | MT-GLAZE 2.2K JA 1/10W |
| R022 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R023 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R5500 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R5501 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R5502 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| R5503 | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R5504 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GB123ZA038 | MT-GLAZE 12K FA 1/10W |
| R5505 | D0GB123ZA068 | MT-GLAZE 12K FA 1/10W |
| | D1BB1202A055 | MT-GLAZE 12K FA 1/10W |
| | D0GB821ZA037 | MT-GLAZE 820 FA 1/10W |
| R5506 | D0GB821ZA068 | MT-GLAZE 820 FA 1/10W |
| | D1BB8200A055 | MT-GLAZE 820 FA 1/10W |
| R5507 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R5508 | D0GB123ZA038 | MT-GLAZE 12K FA 1/10W |
| | D0GB123ZA068 | MT-GLAZE 12K FA 1/10W |
| | D1BB1202A055 | MT-GLAZE 12K FA 1/10W |
| R5509 | D0GB472ZA038 | MT-GLAZE 4.7K FA 1/10W |
| | D0GB472ZA068 | MT-GLAZE 4.7K FA 1/10W |
| | D1BB4701A055 | MT-GLAZE 4.7K FA 1/10W |
| R5510 | D0GB472ZA038 | MT-GLAZE 4.7K FA 1/10W |
| | D0GB472ZA068 | MT-GLAZE 4.7K FA 1/10W |
| | D1BB4701A055 | MT-GLAZE 4.7K FA 1/10W |
| R5513 | D0GB820JA041 | MT-GLAZE 82 JA 1/10W |
| | D0GB820JA072 | MT-GLAZE 82 JA 1/10W |
| | D0GB820JA089 | MT-GLAZE 82 JA 1/10W |
| R5514 | D0GB100JA041 | MT-GLAZE 10 JA 1/10W |
| | D0GB100JA072 | MT-GLAZE 10 JA 1/10W |
| | D0GB100JA089 | MT-GLAZE 10 JA 1/10W |
| R5516 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R5517 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R5518 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R5519 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R5520 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| R5522 | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| R5523 | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| | D0GB391ZA037 | MT-GLAZE 390 FA 1/10W |
| R5524 | D0GB391ZA068 | MT-GLAZE 390 FA 1/10W |
| | D1BB3900A055 | MT-GLAZE 390 FA 1/10W |
| R5525 | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W |
| R5526 | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| R5591 | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W |
| R5592 | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W |
| R5593 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| R5594 | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R5598 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| R5599 | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R5603 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| R5660 | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R5700 | D0GB101ZA037 | MT-GLAZE 100 FA 1/10W |
| | D0GB101ZA068 | MT-GLAZE 100 FA 1/10W |
| | D1BB1000A055 | MT-GLAZE 100 FA 1/10W |
| | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| R5701 | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R5702 | D0GB101ZA037 | MT-GLAZE 100 FA 1/10W |
| | D0GB101ZA068 | MT-GLAZE 100 FA 1/10W |
| | D1BB1000A055 | MT-GLAZE 100 FA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| R5750 | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| R5751 | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R5753 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| R5900 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| R5901 | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R5902 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| R5903 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R5908 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| R5950 | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R5952 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| R5954 | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| R5956 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| R5957 | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| R6250 | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R6251 | D0GB471JA041 | MT-GLAZE 470 JA 1/10W |
| | D0GB471JA069 | MT-GLAZE 470 JA 1/10W |
| | D0GB471JA089 | MT-GLAZE 470 JA 1/10W |
| | D0GB122ZA038 | MT-GLAZE 1.2K FA 1/10W |
| R6253 | D1BB1201A055 | MT-GLAZE 1.2K FA 1/10W |
| | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA089 | MT-GLAZE 2.2K JA 1/10W |
| R6254 | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA089 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |
| R6255 | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA089 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W |
| R6256 | D0GB273JA041 | MT-GLAZE 27K JA 1/10W |
| | D0GB273JA072 | MT-GLAZE 27K JA 1/10W |
| | D0GB273JA089 | MT-GLAZE 27K JA 1/10W |
| | D0GB273JA041 | MT-GLAZE 27K JA 1/10W |
| R6257 | D0GB563JA041 | MT-GLAZE 56K JA 1/10W |
| | D0GB563JA072 | MT-GLAZE 56K JA 1/10W |
| | D0GB563JA089 | MT-GLAZE 56K JA 1/10W |
| | D0GB563JA041 | MT-GLAZE 56K JA 1/10W |
| R6259 | D0GB563JA072 | MT-GLAZE 56K JA 1/10W |
| | D0GB563JA089 | MT-GLAZE 56K JA 1/10W |
| | D0GB563JA041 | MT-GLAZE 56K JA 1/10W |
| | D0GB563JA072 | MT-GLAZE 56K JA 1/10W |
| R6260 | D0GB273JA089 | MT-GLAZE 27K JA 1/10W |
| | D0GB273JA041 | MT-GLAZE 27K JA 1/10W |
| | D0GB273JA072 | MT-GLAZE 27K JA 1/10W |
| | D0GB273JA089 | MT-GLAZE 27K JA 1/10W |
| R6262 | D0GB122ZA038 | MT-GLAZE 1.2K FA 1/10W |
| | D1BB1201A055 | MT-GLAZE 1.2K FA 1/10W |
| | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| R6263 | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R6266 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| R6267 | D0GB471JA041 | MT-GLAZE 470 JA 1/10W |
| | D0GB471JA069 | MT-GLAZE 470 JA 1/10W |
| | D0GB471JA089 | MT-GLAZE 470 JA 1/10W |
| | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| R6268 | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| R6269 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6270 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6330 | D0GZ151JA019 | MT-GLAZE 150 JA 1W |
| R6331 | D0GZ151JA019 | MT-GLAZE 150 JA 1W |
| R6332 | D0GZ151JA019 | MT-GLAZE 150 JA 1W |
| R6337 | D0GB155JA040 | MT-GLAZE 1.5M JA 1/10W |
| | D0GB155JA072 | MT-GLAZE 1.5M JA 1/10W |
| R6339 | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W |
| R6340 | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W |
| | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W |
| R6341 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6342 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6344 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R6346 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6348 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6350 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6503 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R6504 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R6530 | D0GB473JA041 | MT-GLAZE 47K JA 1/10W |
| | D0GB473JA072 | MT-GLAZE 47K JA 1/10W |
| | D0GB473JA089 | MT-GLAZE 47K JA 1/10W |
| R6531 | D0GB473JA041 | MT-GLAZE 47K JA 1/10W |
| | D0GB473JA072 | MT-GLAZE 47K JA 1/10W |
| | D0GB473JA089 | MT-GLAZE 47K JA 1/10W |
| R6532 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R6533 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6534 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R6535 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| R6536 | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| R6546 | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R6547 | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R6549 | D0GB223JA041 | MT-GLAZE 22K JA 1/10W |
| | D0GB223JA070 | MT-GLAZE 22K JA 1/10W |
| R6550 | D0GB223JA089 | MT-GLAZE 22K JA 1/10W |
| | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |
| R6560 | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| | D0GB473JA041 | MT-GLAZE 47K JA 1/10W |
| | D0GB473JA072 | MT-GLAZE 47K JA 1/10W |
| R6561 | D0GB473JA089 | MT-GLAZE 47K JA 1/10W |
| | D0GB473JA041 | MT-GLAZE 47K JA 1/10W |
| | D0GB473JA072 | MT-GLAZE 47K JA 1/10W |
| R6562 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R6563 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6564 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R6565 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R6566 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R6576 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6577 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6579 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6581 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA041 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R6582 | D0GB223JA041 | MT-GLAZE 22K JA 1/10W |
| | D0GB223JA070 | MT-GLAZE 22K JA 1/10W |
| | D0GB223JA089 | MT-GLAZE 22K JA 1/10W |
| R6600 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6602 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6604 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6606 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| R6607 | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6608 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6706 | D0GB471ZA037 | MT-GLAZE 470 FA 1/10W |
| | D0GB471ZA068 | MT-GLAZE 470 FA 1/10W |
| | D1BB4700A055 | MT-GLAZE 470 FA 1/10W |
| R6707 | D0GB100JA041 | MT-GLAZE 10 JA 1/10W |
| | D0GB100JA072 | MT-GLAZE 10 JA 1/10W |
| | D0GB100JA089 | MT-GLAZE 10 JA 1/10W |
| R6708 | D0GB221Z0002 | MT-GLAZE 220 FA 1 /10W |
| | D0GB221ZA068 | MT-GLAZE 220 FA 1 /10W |
| | D1BB2200A055 | MT-GLAZE 220 FA 1 /10W |
| R6709 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6711 | D0GB2R2JA072 | MT-GLAZE 2.2 JA 1/10W |
| R6720 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6722 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6723 | D0GB683ZA038 | MT-GLAZE 68K FA 1/10W |
| | D0GB683ZA068 | MT-GLAZE 68K FA 1/10W |
| | D1BB6802A055 | MT-GLAZE 68K FA 1/10W |
| R6725 | D0GB472ZA038 | MT-GLAZE 4.7K FA 1/10W |
| | D0GB472ZA068 | MT-GLAZE 4.7K FA 1/10W |
| | D1BB4701A055 | MT-GLAZE 4.7K FA 1/10W |
| R6726 | D0GB183ZA038 | MT-GLAZE 18K FA 1/10W |
| | D0GB183ZA063 | MT-GLAZE 18K FA 1/10W |
| | D1BB1802A055 | MT-GLAZE 18K FA 1/10W |
| R6727 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6728 | D0GB223JA041 | MT-GLAZE 22K JA 1/10W |
| | D0GB223JA070 | MT-GLAZE 22K JA 1/10W |
| | D0GB223JA089 | MT-GLAZE 22K JA 1/10W |
| R6729 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6730 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6731 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6732 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6733 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6734 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6740 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6741 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| R6743 | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GB223JA041 | MT-GLAZE 22K JA 1/10W |
| | D0GB223JA070 | MT-GLAZE 22K JA 1/10W |
| | D0GB223JA089 | MT-GLAZE 22K JA 1/10W |
| R6744 | D0GB104JA041 | MT-GLAZE 100K JA 1/10W |
| | D0GB104JA068 | MT-GLAZE 100K JA 1/10W |
| | D0GB104JA089 | MT-GLAZE 100K JA 1/10W |
| R6745 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6746 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6750 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R6755 | D0GB681ZA037 | MT-GLAZE 680 FA 1/10W |
| | D0GB681ZA068 | MT-GLAZE 680 FA 1/10W |
| | D1BB6800A055 | MT-GLAZE 680 FA 1/10W |
| R6756 | D0GB332ZA038 | MT-GLAZE 3.3K FA 1/10W |
| | D0GB332ZA068 | MT-GLAZE 3.3K FA 1/10W |
| | D1BB3301A055 | MT-GLAZE 3.3K FA 1/10W |
| R6757 | D0GB103ZA038 | MT-GLAZE 10K FA 1/10W |
| | D0GB103ZA068 | MT-GLAZE 10K FA 1/10W |
| | D1BB1002A055 | MT-GLAZE 10K FA 1/10W |
| R6758 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6795 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R7430 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |

“ASSY,PWB,ANALOG Z6WE”

CAPACITORS

| | | | | |
|-------|--------------|---------|---------|------|
| C1020 | F1J0J106A004 | CERAMIC | 10U K | 6.3V |
| | F1J0J106A020 | CERAMIC | 10U K | 6.3V |
| C1029 | F1H1H2700008 | CERAMIC | 27P J | 50V |
| C1051 | F1H1H102A219 | CERAMIC | 1000P K | 50V |
| | F1H1H102A748 | CERAMIC | 1000P K | 50V |
| C1052 | F1H1H102A219 | CERAMIC | 1000P K | 50V |
| | F1H1H102A748 | CERAMIC | 1000P K | 50V |
| C1600 | F1J0J106A004 | CERAMIC | 10U K | 6.3V |
| | F1J0J106A020 | CERAMIC | 10U K | 6.3V |
| C1603 | F1H1C104A041 | CERAMIC | 0.1U K | 16V |
| | F1H1C104A091 | CERAMIC | 0.1U K | 16V |
| | F1L1C1040001 | CERAMIC | 0.1U K | 16V |
| C1604 | F2A1C4710108 | ELECT | 470U M | 16V |
| | F2A1C471B844 | ELECT | 470U M | 16V |
| C1620 | F2A1E4710118 | ELECT | 470U M | 25V |
| | F2A1E4710121 | ELECT | 470U M | 25V |
| | F2G1E471A185 | ELECT | 470U M | 25V |
| C1621 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C1622 | F1H1H104A913 | CERAMIC | 0.1U K | 50V |
| C1623 | F1J1E105A213 | CERAMIC | 1U K | 25V |
| C1625 | F1H1H472A219 | CERAMIC | 4700P K | 50V |
| C1626 | F1J1E105A213 | CERAMIC | 1U K | 25V |
| C1627 | F2A1C4710108 | ELECT | 470U M | 16V |

| Schematic Location | Part No. | Description |
|--------------------|--------------|---------------------|
| | F2A1C471B844 | ELECT 470U M 16V |
| C1640 | F1H1C104A041 | CERAMIC 0.1U K 16V |
| | F1H1C104A091 | CERAMIC 0.1U K 16V |
| | F1L1C1040001 | CERAMIC 0.1U K 16V |
| C1641 | F1H1C104A041 | CERAMIC 0.1U K 16V |
| | F1H1C104A091 | CERAMIC 0.1U K 16V |
| | F1L1C1040001 | CERAMIC 0.1U K 16V |
| C1642 | F2A1E4710118 | ELECT 470U M 25V |
| | F2A1E4710121 | ELECT 470U M 25V |
| | F2G1E471A185 | ELECT 470U M 25V |
| C1643 | F1H1C104A041 | CERAMIC 0.1U K 16V |
| | F1H1C104A091 | CERAMIC 0.1U K 16V |
| | F1L1C1040001 | CERAMIC 0.1U K 16V |
| C1644 | F2A1C4710108 | ELECT 470U M 16V |
| | F2A1C471B844 | ELECT 470U M 16V |
| C1666 | F2A1E4710118 | ELECT 470U M 25V |
| | F2A1E4710121 | ELECT 470U M 25V |
| | F2G1E471A185 | ELECT 470U M 25V |
| C1700 | F1H1H104A913 | CERAMIC 0.1U K 50V |
| C1704 | F1H1H103A219 | CERAMIC 0.01U K 50V |
| C1706 | F1H1H104A913 | CERAMIC 0.1U K 50V |
| C1708 | F2A1C4710108 | ELECT 470U M 16V |
| | F2A1C471B844 | ELECT 470U M 16V |
| C1800 | F1H1C104A041 | CERAMIC 0.1U K 16V |
| | F1H1C104A091 | CERAMIC 0.1U K 16V |
| | F1L1C1040001 | CERAMIC 0.1U K 16V |
| C1801 | F1J0J106A004 | CERAMIC 10U K 6.3V |
| | F1J0J106A020 | CERAMIC 10U K 6.3V |
| C1802 | F1H1H103A219 | CERAMIC 0.01U K 50V |
| C1803 | F1H1H103A219 | CERAMIC 0.01U K 50V |
| C6101 | J0JCC0000371 | "INDUCTOR, 120 OHM" |
| C6102 | F1H1H2200008 | CERAMIC 22P J 50V |
| C6104 | J0JCC0000371 | "INDUCTOR, 120 OHM" |
| C6105 | F1H1H2200008 | CERAMIC 22P J 50V |
| C6108 | F1H1H2700008 | CERAMIC 27P J 50V |
| C6109 | F2A0J1020091 | ELECT 1000U M 6.3V |
| | F2A0J102B357 | ELECT 1000U M 6.3V |
| C6110 | F1H1C104A041 | CERAMIC 0.1U K 16V |
| | F1H1C104A091 | CERAMIC 0.1U K 16V |
| | F1L1C1040001 | CERAMIC 0.1U K 16V |
| C6113 | F1H1H102A219 | CERAMIC 1000P K 50V |
| | F1H1H102A748 | CERAMIC 1000P K 50V |
| C6114 | F1H1H2700008 | CERAMIC 27P J 50V |
| C6115 | F1J0J106A004 | CERAMIC 10U K 6.3V |
| | F1J0J106A020 | CERAMIC 10U K 6.3V |
| C6117 | F1H1C104A041 | CERAMIC 0.1U K 16V |
| | F1H1C104A091 | CERAMIC 0.1U K 16V |
| | F1L1C1040001 | CERAMIC 0.1U K 16V |
| C6118 | F1J0J106A004 | CERAMIC 10U K 6.3V |
| | F1J0J106A020 | CERAMIC 10U K 6.3V |
| C6120 | F2A0J1020091 | ELECT 1000U M 6.3V |
| | F2A0J102B357 | ELECT 1000U M 6.3V |
| C6122 | F2A1C4710108 | ELECT 470U M 16V |
| | F2A1C471B844 | ELECT 470U M 16V |

| Schematic Location | Part No. | Description |
|--------------------|----------------------------|-------------------------|
| | DIODES | |
| D1641 | B0ACCK000005 | DIODE 1SS355-TE-17 |
| | B0ACCK000019 | DIODE 1SS355 |
| | B0ACDJ000007 | DIODE 1SS352-(TPH3) |
| D1668 | B0ACCK000005 | DIODE 1SS355-TE-17 |
| | B0ACCK000019 | DIODE 1SS355 |
| | B0ACDJ000007 | DIODE 1SS352-(TPH3) |
| D1750 | B0ACCK000005 | DIODE 1SS355-TE-17 |
| | B0ACCK000019 | DIODE 1SS355 |
| | B0ACDJ000007 | DIODE 1SS352-(TPH3) |
| D6101 | B0ACCK000005 | DIODE 1SS355-TE-17 |
| | B0ACCK000019 | DIODE 1SS355 |
| | B0ACDJ000007 | DIODE 1SS352-(TPH3) |
| | INTEGRATED CIRCUITS | |
| IC1600 | C0CBAYG00009 | IC LM1117S-ADJ |
| IC1620 | C0DBAYY01077 | IC BD9329AEFJ-E2 |
| IC1640 | C0CBAYG00009 | IC LM1117S-ADJ |
| IC6001 | C0CBAYG00009 | IC LM1117S-ADJ |
| COILS | | |
| L1002 | J0JYC0000381 | "INDUCTOR , 220 OHM" |
| L1611 | J0JYC0000381 | "INDUCTOR , 220 OHM" |
| L1612 | J0JYC0000381 | "INDUCTOR , 220 OHM" |
| L1620 | G0C150M00005 | "INDUCTOR,15UH" |
| L1642 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L1643 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L1691 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L1702 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L1704 | J0JYC0000381 | "INDUCTOR , 220 OHM" |
| L1707 | J0JYC0000381 | "INDUCTOR , 220 OHM" |
| L1716 | J0JCC0000371 | "INDUCTOR , 120 OHM" |
| L1794 | J0JYC0000381 | "INDUCTOR , 220 OHM" |
| L1801 | J0JCC0000371 | "INDUCTOR , 120 OHM" |
| L1802 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L6100 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0YDR0000036 | MT-GLAZE 0.000 ZA 1/10W |
| L6101 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0YDR0000036 | MT-GLAZE 0.000 ZA 1/10W |
| L6102 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
| | D0YDR0000036 | MT-GLAZE 0.000 ZA 1/10W |
| L6103 | J0JCC0000371 | "INDUCTOR , 120 OHM" |
| L6104 | J0JCC0000371 | "INDUCTOR , 120 OHM" |
| L6105 | J0JYC0000381 | "INDUCTOR , 220 OHM" |
| | TRANSISTORS | |
| Q1750 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q1751 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |

| Schematic Location | Part No. | Description |
|--------------------|--------------|----------------|
| Q1810 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |
| Q1813 | B1ABCE000028 | TR MMBTSC3928R |
| | B1ABDF000013 | TR 2SC3928A1R |
| | B1ABDF000024 | TR 2SC3928A1S |

RESISTORS

| | | | |
|-------|--------------|----------|----------------|
| R1005 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1006 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1007 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1008 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1009 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1011 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1012 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1013 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1020 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1022 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1023 | D0GB820JA041 | MT-GLAZE | 82 JA 1/10W |
| | D0GB820JA072 | MT-GLAZE | 82 JA 1/10W |
| | D0GB820JA089 | MT-GLAZE | 82 JA 1/10W |
| R1024 | D0GB750JA041 | MT-GLAZE | 75 JA 1/10W |
| | D0GB750JA072 | MT-GLAZE | 75 JA 1/10W |
| | D0GB750JA089 | MT-GLAZE | 75 JA 1/10W |
| R1051 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1052 | D0GB104JA041 | MT-GLAZE | 100K JA 1/10W |
| | D0GB104JA068 | MT-GLAZE | 100K JA 1/10W |
| | D0GB104JA089 | MT-GLAZE | 100K JA 1/10W |
| R1054 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE | 0.000 ZA 1/10W |
| R1055 | D0GB104JA041 | MT-GLAZE | 100K JA 1/10W |
| | D0GB104JA068 | MT-GLAZE | 100K JA 1/10W |
| | D0GB104JA089 | MT-GLAZE | 100K JA 1/10W |
| R1600 | D0GB121ZA038 | MT-GLAZE | 120 FA 1/10W |
| | D1BB1200A055 | MT-GLAZE | 120 FA 1/10W |
| R1601 | D0GB120JA041 | MT-GLAZE | 12 JA 1/10W |
| | D0GB120JA072 | MT-GLAZE | 12 JA 1/10W |
| | D0GB120JA089 | MT-GLAZE | 12 JA 1/10W |
| R1602 | D0GB221Z0002 | MT-GLAZE | 220 FA 1 /10W |
| | D1BB2200A055 | MT-GLAZE | 220 FA 1 /10W |
| R1621 | D0GB220JA041 | MT-GLAZE | 22 JA 1/10W |
| | D0GB220JA072 | MT-GLAZE | 22 JA 1/10W |
| | D0GB220JA089 | MT-GLAZE | 22 JA 1/10W |
| R1622 | D0GB122ZA038 | MT-GLAZE | 1.2K FA 1/10W |
| | D1BB1201A055 | MT-GLAZE | 1.2K FA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| R1623 | D0GB562JA041 | MT-GLAZE 5.6K JA 1/10W |
| | D0GB562JA072 | MT-GLAZE 5.6K JA 1/10W |
| | D0GB562JA089 | MT-GLAZE 5.6K JA 1/10W |
| R1624 | D0GB472ZA038 | MT-GLAZE 4.7K FA 1/10W |
| | D1BB4701A055 | MT-GLAZE 4.7K FA 1/10W |
| R1625 | D0GB821ZA037 | MT-GLAZE 820 FA 1/10W |
| R1628 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R1630 | D0C12R2JA070 | OXIDE-MT 2.2 JA 1W |
| R1635 | D0C12R2JA070 | OXIDE-MT 2.2 JA 1W |
| R1640 | D0GB121ZA038 | MT-GLAZE 120 FA 1/10W |
| | D1BB1200A055 | MT-GLAZE 120 FA 1/10W |
| R1641 | D0GB120JA041 | MT-GLAZE 12 JA 1/10W |
| | D0GB120JA072 | MT-GLAZE 12 JA 1/10W |
| | D0GB120JA089 | MT-GLAZE 12 JA 1/10W |
| R1642 | D0GB821ZA037 | MT-GLAZE 820 FA 1/10W |
| | D1BB8200A055 | MT-GLAZE 820 FA 1/10W |
| R1668 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| | D0YBR0000029 | MT-GLAZE 0.000 ZA 1/10W |
| R1698 | JOJCC0000371 | "INDUCTOR, 120 OHM" |
| R1699 | JOJCC0000371 | "INDUCTOR, 120 OHM" |
| R1702 | D0GB221JA041 | MT-GLAZE 220 JA 1/10W |
| | D0GB221JA069 | MT-GLAZE 220 JA 1/10W |
| | D0GB221JA089 | MT-GLAZE 220 JA 1/10W |
| R1707 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R1708 | D0GB183JA041 | MT-GLAZE 18K JA 1/10W |
| | D0GB183JA072 | MT-GLAZE 18K JA 1/10W |
| | D0GB183JA089 | MT-GLAZE 18K JA 1/10W |
| R1727 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R1750 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GB182JA041 | MT-GLAZE 1.8K JA 1/10W |
| R1751 | D0GB182JA072 | MT-GLAZE 1.8K JA 1/10W |
| | D0GB182JA089 | MT-GLAZE 1.8K JA 1/10W |
| R1752 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R1753 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R1754 | D0GB332JA041 | MT-GLAZE 3.3K JA 1/10W |
| | D0GB332JA072 | MT-GLAZE 3.3K JA 1/10W |
| | D0GB332JA089 | MT-GLAZE 3.3K JA 1/10W |
| R1790 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R1791 | D0GB101JA041 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA069 | MT-GLAZE 100 JA 1/10W |
| | D0GB101JA089 | MT-GLAZE 100 JA 1/10W |
| R1792 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R1797 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No. | Description |
|--------------------|--------------|-------------------------|
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R1800 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R1801 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R1802 | D0GB102JA041 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA071 | MT-GLAZE 1K JA 1/10W |
| | D0GB102JA089 | MT-GLAZE 1K JA 1/10W |
| R1804 | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W |
| | D0GB222JA089 | MT-GLAZE 2.2K JA 1/10W |
| R1805 | D0GB221JA041 | MT-GLAZE 220 JA 1/10W |
| | D0GB221JA069 | MT-GLAZE 220 JA 1/10W |
| | D0GB221JA089 | MT-GLAZE 220 JA 1/10W |
| R1810 | D0GB331JA041 | MT-GLAZE 330 JA 1/10W |
| | D0GB331JA069 | MT-GLAZE 330 JA 1/10W |
| | D0GB331JA089 | MT-GLAZE 330 JA 1/10W |
| R1811 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R1812 | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
| | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R1813 | D0GB331JA041 | MT-GLAZE 330 JA 1/10W |
| | D0GB331JA069 | MT-GLAZE 330 JA 1/10W |
| | D0GB331JA089 | MT-GLAZE 330 JA 1/10W |
| R1843 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6100 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R6101 | D0GB470J0002 | MT-GLAZE 47 JA 1/10W |
| | D0GB470JA089 | MT-GLAZE 47 JA 1/10W |
| R6105 | D0GB221JA041 | MT-GLAZE 220 JA 1/10W |
| | D0GB221JA069 | MT-GLAZE 220 JA 1/10W |
| | D0GB221JA089 | MT-GLAZE 220 JA 1/10W |
| R6106 | D0GB6R8JA072 | MT-GLAZE 6.8 JA 1/10W |
| | D0GB6R8JA096 | MT-GLAZE 6.8 JA 1/10W |
| R6107 | D0GB681JA069 | MT-GLAZE 680 JA 1/10W |
| | D0GB681JA089 | MT-GLAZE 680 JA 1/10W |
| R6108 | D0C1100JA070 | OXIDE-MT 10 JA 1W |

| Schematic Location | Part No. | Description |
|---------------------|---------------|--------------------------|
| MISCELANEOUS | | |
| ⚠ A200 | 1LG0B10Y10500 | "ASSY,PWB,DIGITAL Z6WE" |
| ⚠ A100 | 1LG0B10Y10400 | "ASSY,PWB,ANALOG Z6WE" |
| ⚠ A101 | 1LG0B10Y1040A | "ASSY,PWB,SUB Z6WE" |
| ⚠ A6102 | J3ACAAB00004 | "TUNER,U/V" |
| ⚠ A102 | 1LG0B10Y1040B | "ASSY,PWB,RC+KEY Z6WE" |
| ⚠ EL901 | 1AV4T40C32900 | LCD(V500HJ1-L01) |
| | K7200-PN | 1AV4W32B35300 |
| | K1000 | K2HA3YYA0005 |
| | K1002 | K2HA3YYA0004 |
| | K1004 | K2HA5YYA0004 |
| | K1005 | K1KY44BA0348 |
| | K55SP | K1KA04AA0180 |
| | K5A | K1KY44B00005 |
| | K5DL | K1KA04AA0193 |
| | K5DL | K1KY04A00049 |
| | K6530 | K1FY119D0024 |
| | K6560 | K1FY119D0024 |
| | K6601 | K1FY104A0023 |
| | K6602 | K2HC1YYA0035 |
| | K7200 | K1MY51B00005 |
| | SPL | L0AA12C00016 |
| | SPR | L0AA12C00016 |
| ⚠ U901 | N0AB3FK00001 | "UNIT,POWER-Z6WE" |
| ⚠ W901 | K2CB2YY00070 | CORD,POWER-2.15MK-VTR-02 |
| ⚠ | K2CB2YY00075 | CORD,POWER-2150MK |
| | X5500 | H0J250500115 |
| | | "OSC,CRYSTAL 25MHZ" |

SERVICE PARTS

"For Digital board replacement please get the correct assembly name/part number"

Service Name: ASSY,PWB,DIGITAL Z6WE

Japan BOM part number: 1LG0B10Y10500

"For Analog board replacement please get the correct assembly name/part number"

Service Name: ASSY,PWB,ANALOG Z6WE

Japan BOM part number: 1LG0B10Y10400

"For RC+KEY unit replacement please get the correct assembly name/part number"

Service Name: ASSY,PWB,RC+KEY Z6WE

Japan BOM part number: 1LG0B10Y1040B

NOTE: This is a sub-assembly (A100) from ASSY,PWB,ANALOG Z6WE

"For Power board replacement please get the correct assembly name/part number"

Service Name: UNIT,POWER-Z6WE

Japan BOM part number: N0AB3FK00001

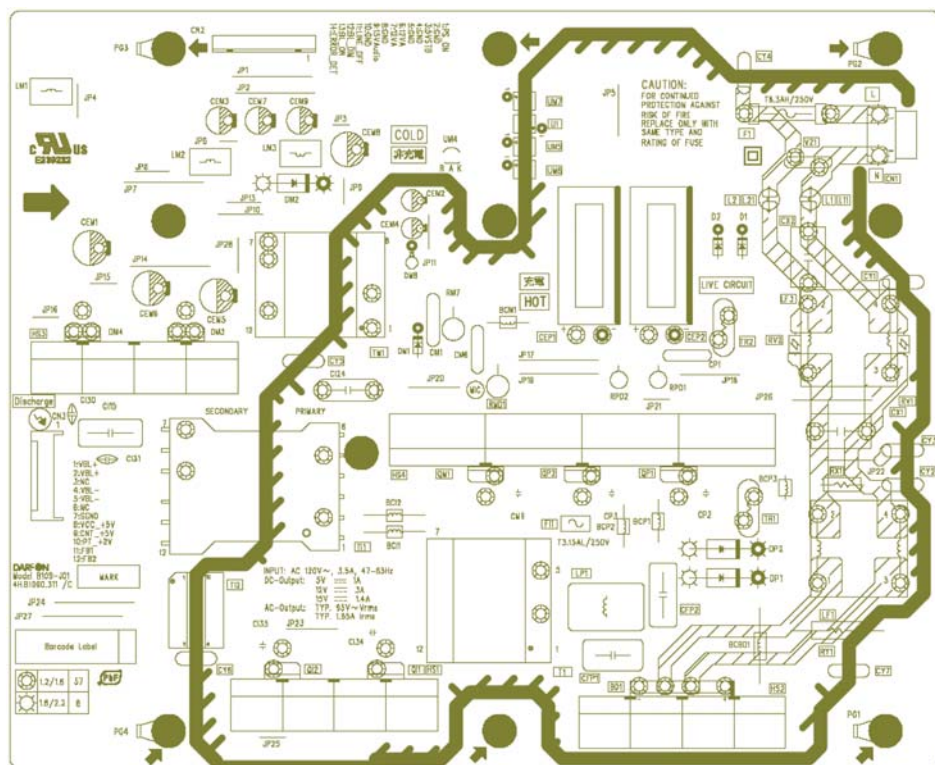
ANALOG BOARD PARTS SIDE



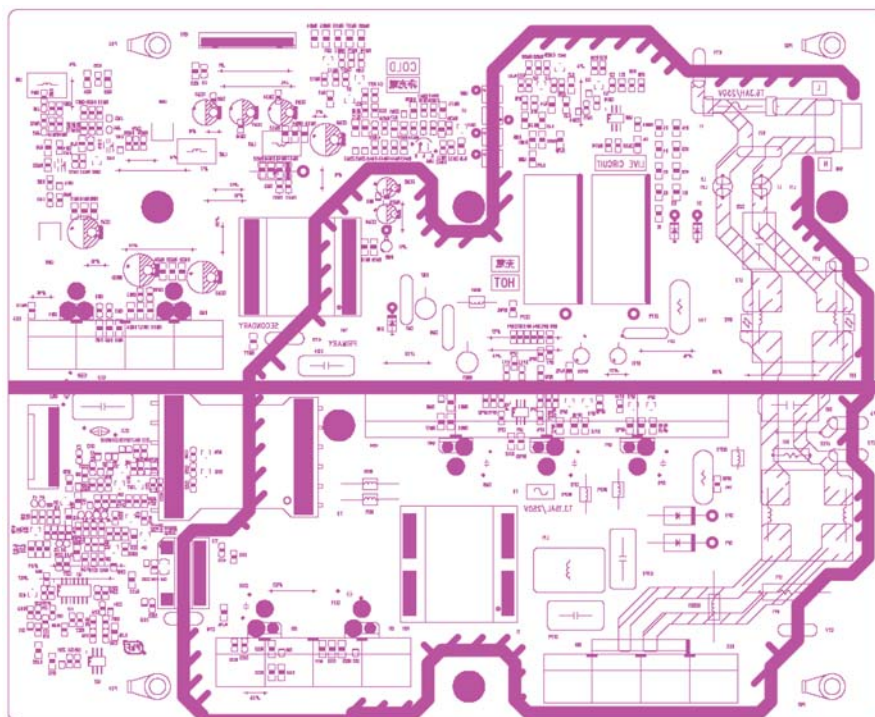
DIGITAL BOARD PARTS SIDE



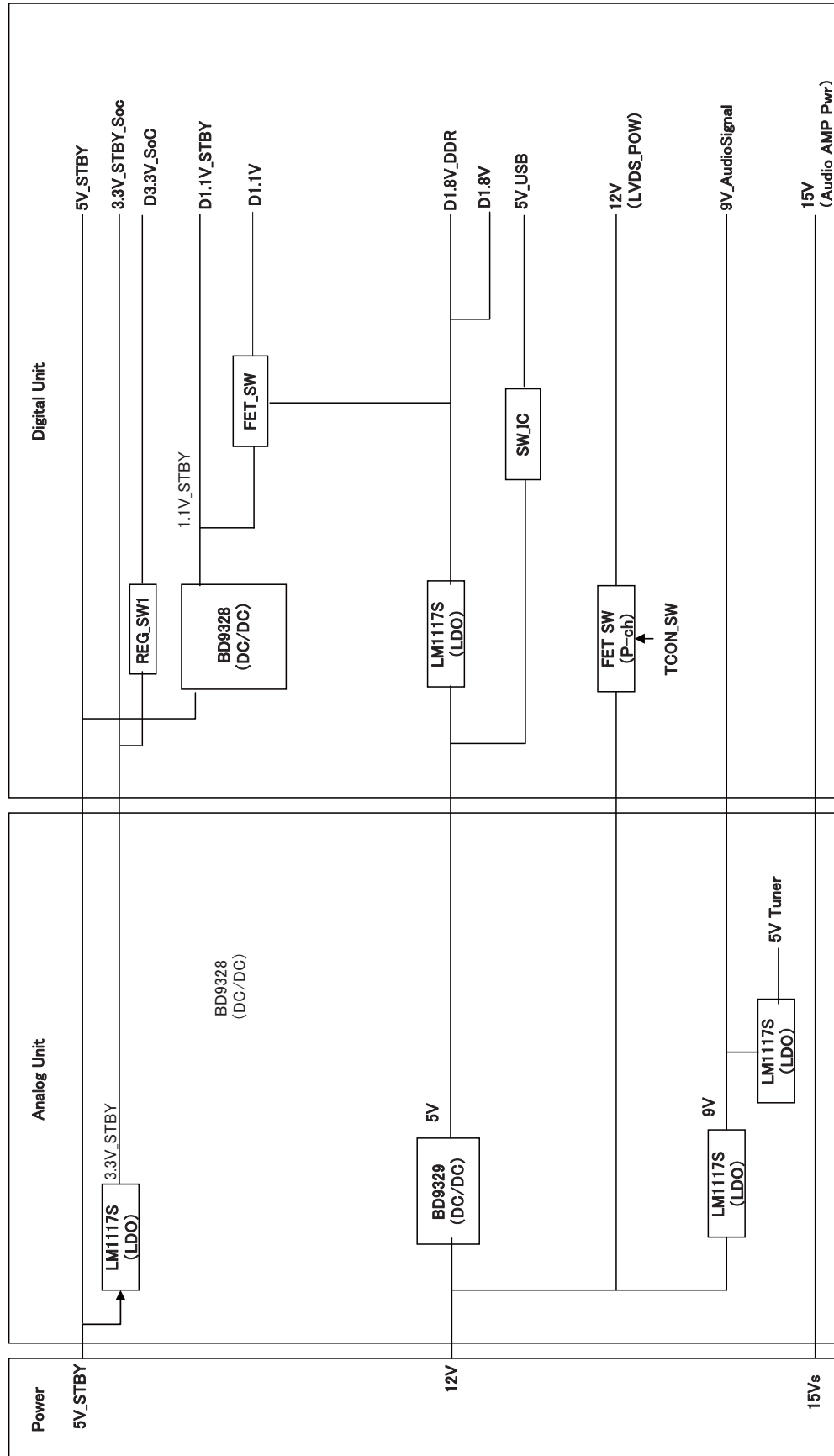
POWER BOARD PART SIDE



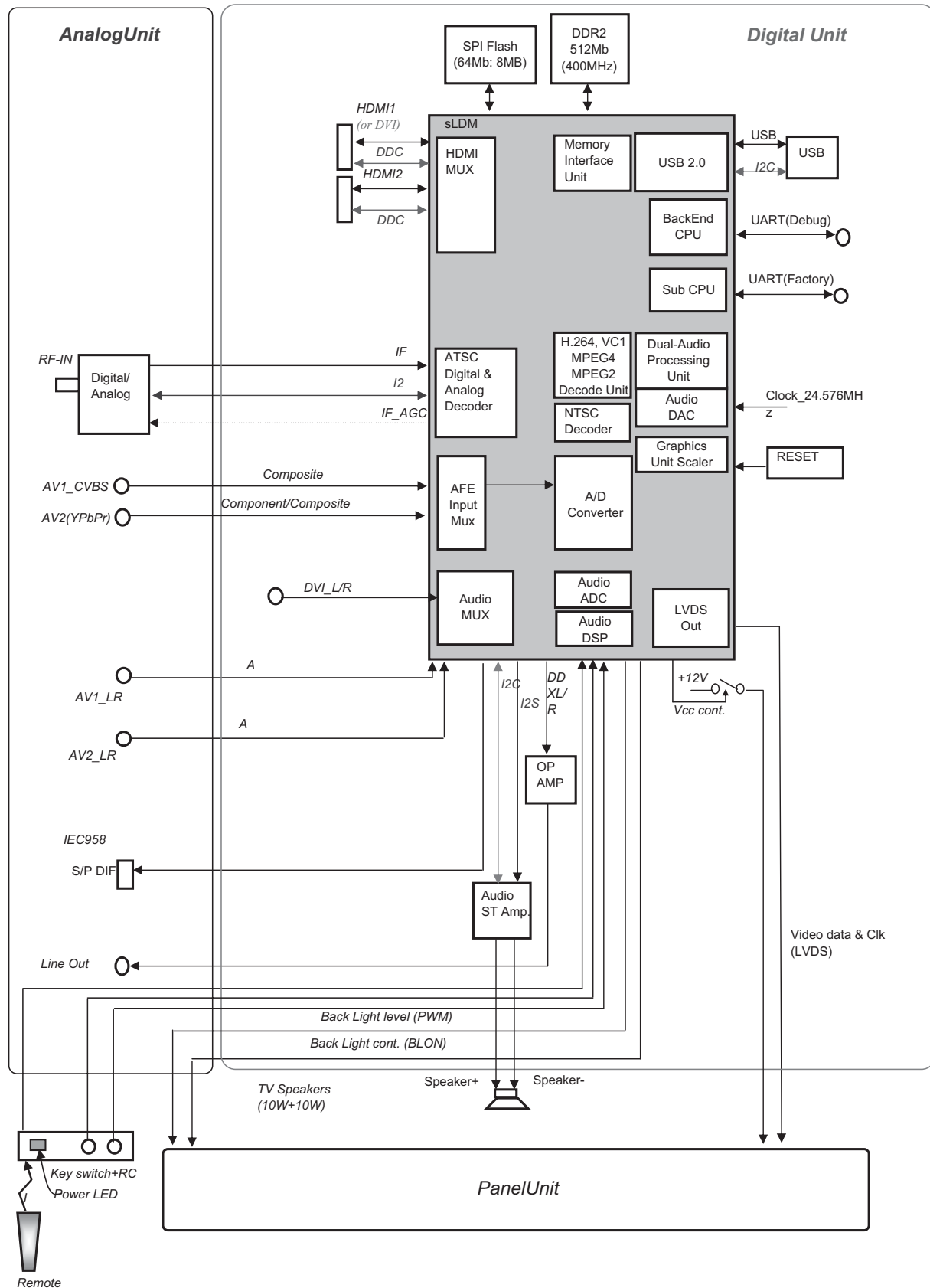
POWER BOARD SOLDER SIDE



BLOCK DIAGRAM POWER LINES

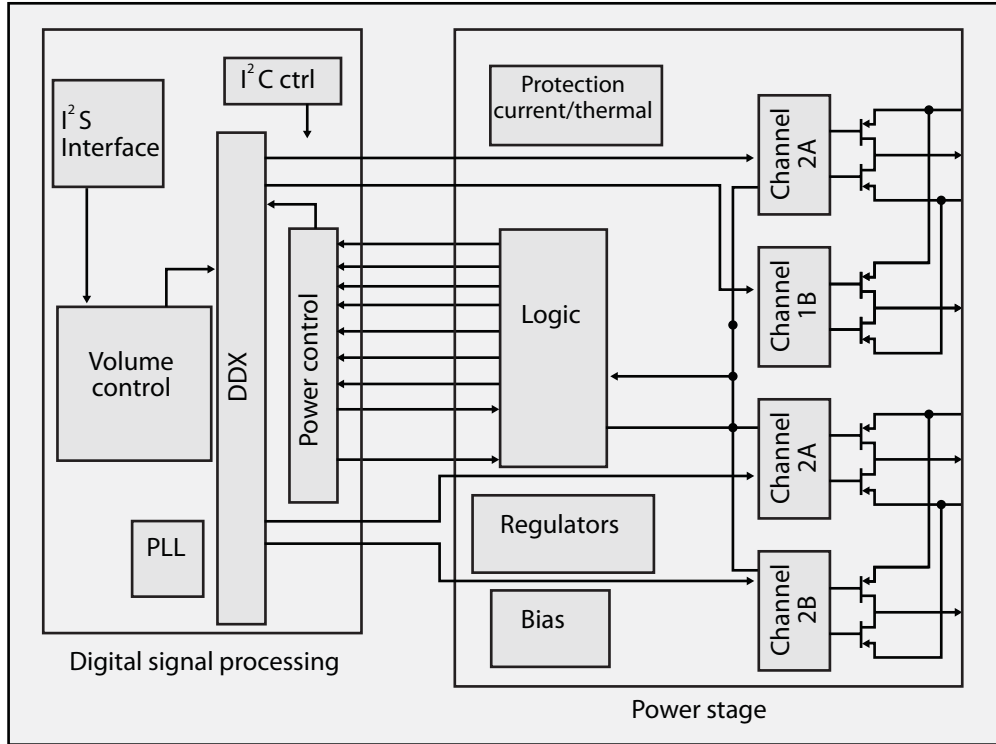


BLOCK DIAGRAM SIGNAL LINES

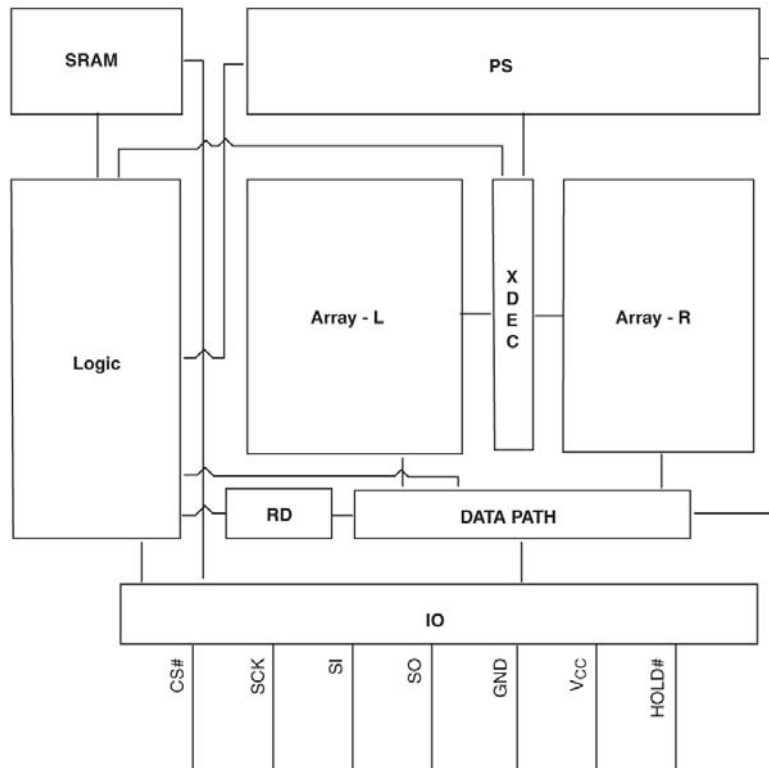


IC BLOCK DIAGRAMS

IC001_C1AB00003628_IC STA333W13TR, Audio AMP

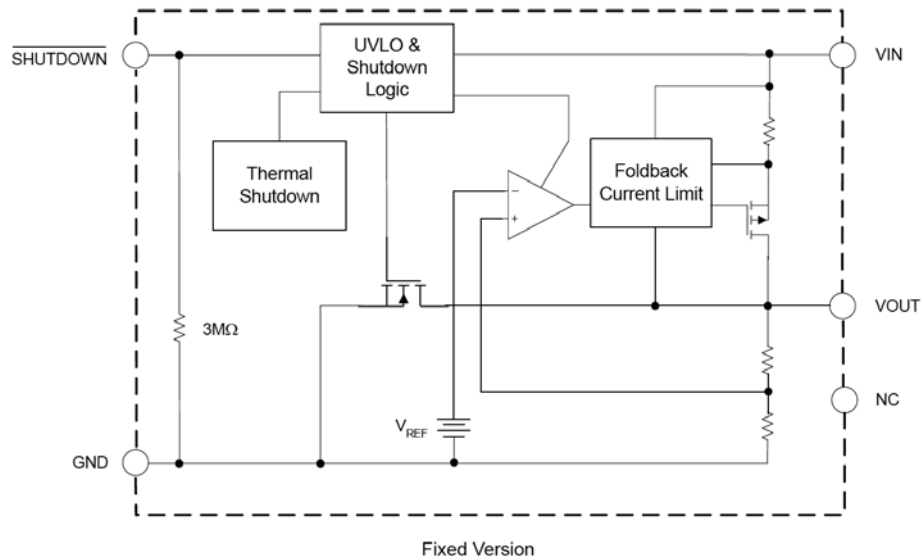


IC5750, Flash Memory

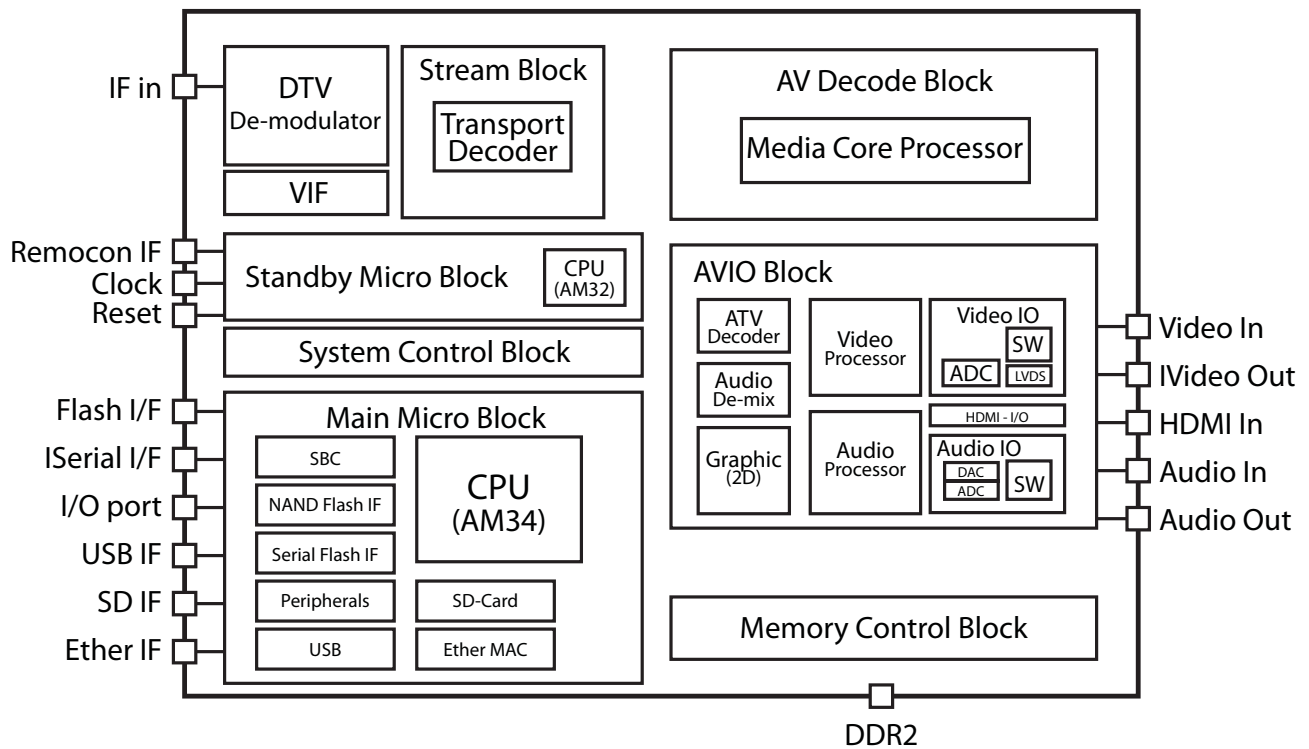


IC BLOCK DIAGRAMS (CONT.)

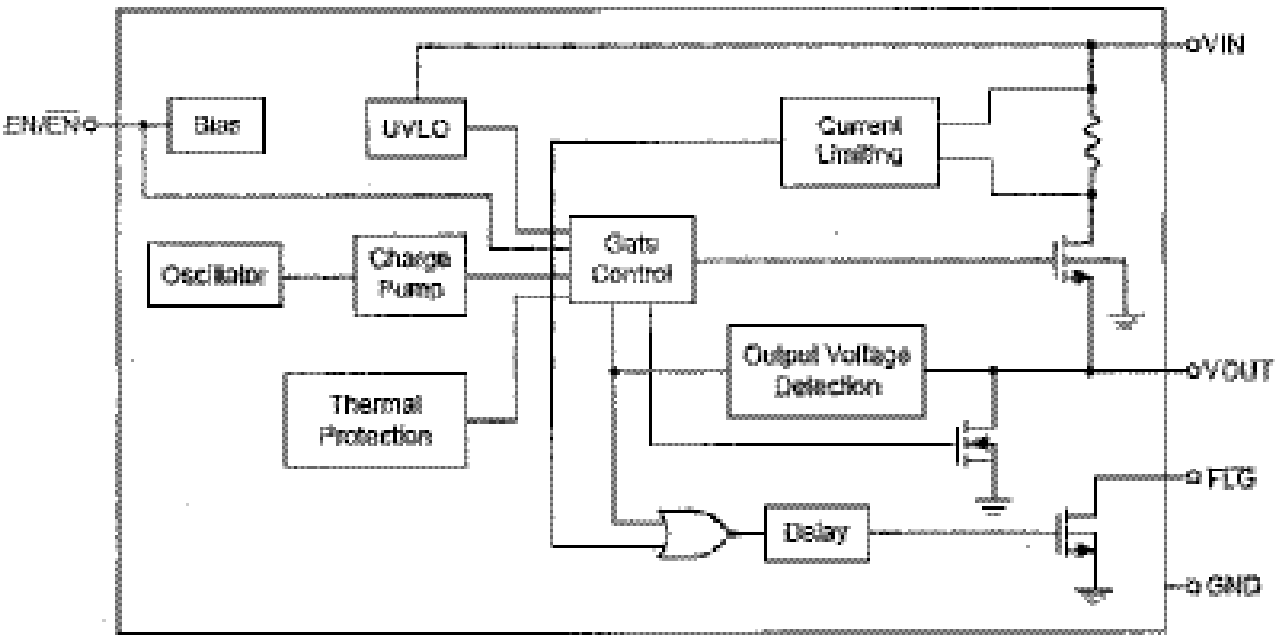
IC6750_C0DBGYY02242_AP2128K-ADJTRG1



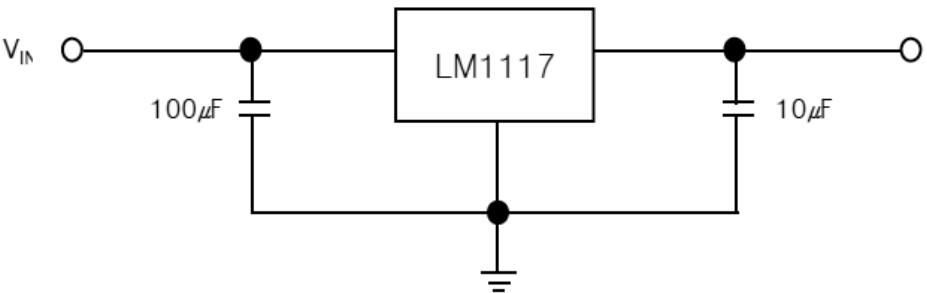
IC5500 Main Chip signal processor



IC6650, USB Protection

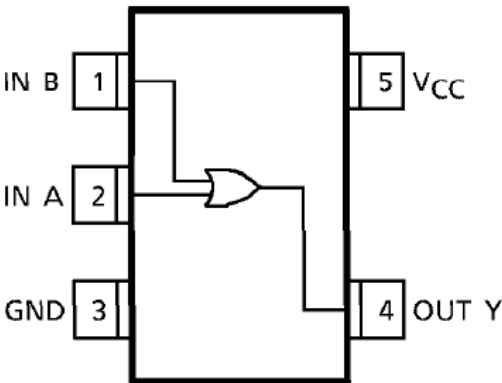


IC6700_C0CBAYG00009_LM1117S-ADJ



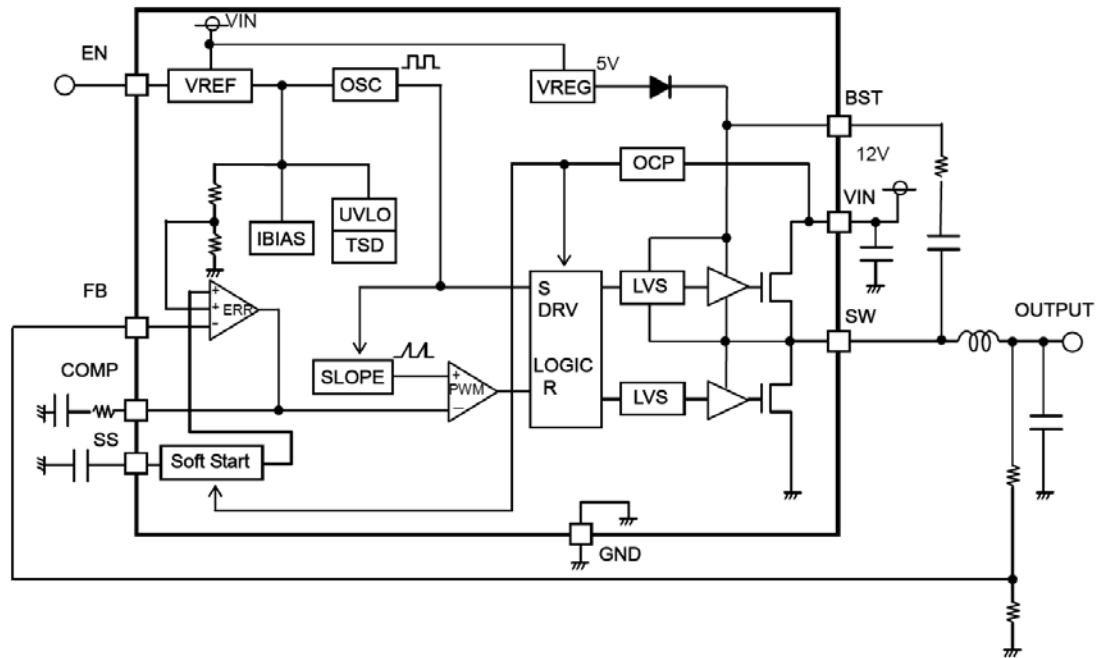
IC6560_C0JBAA000502_TC7SET08FU

PIN ASSIGNMENT (TOP VIEW)

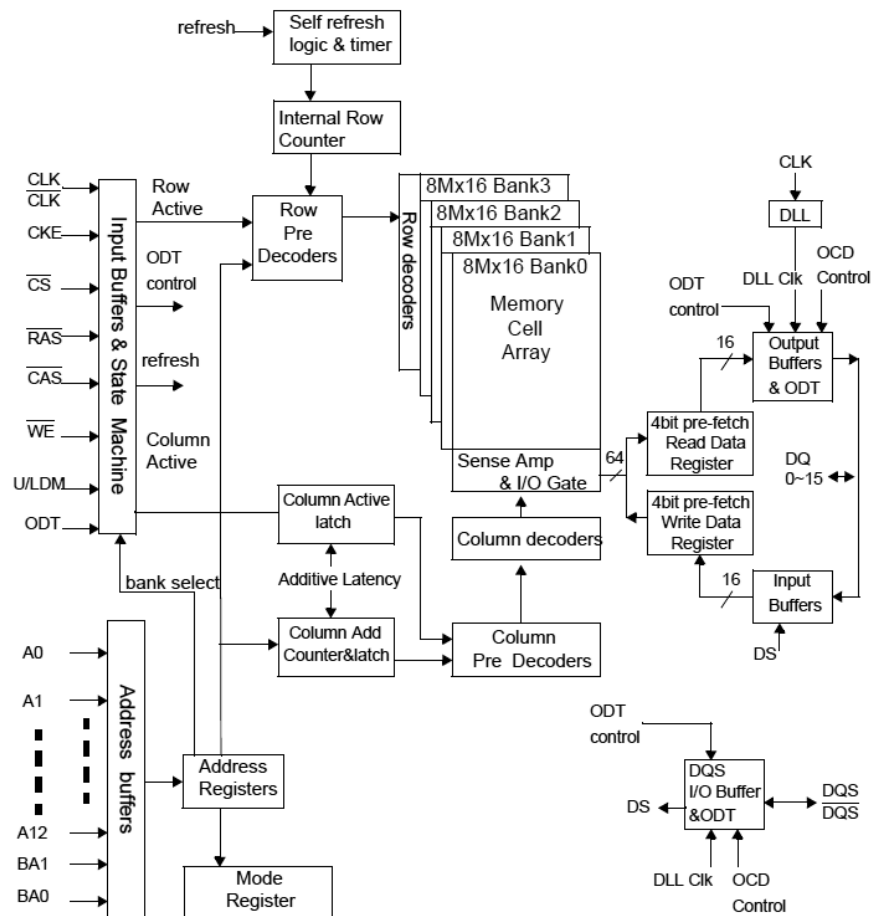


IC BLOCK DIAGRAMS (CONT.)

IC6720_C0DBAYY01122_BD9328EFJ-E2

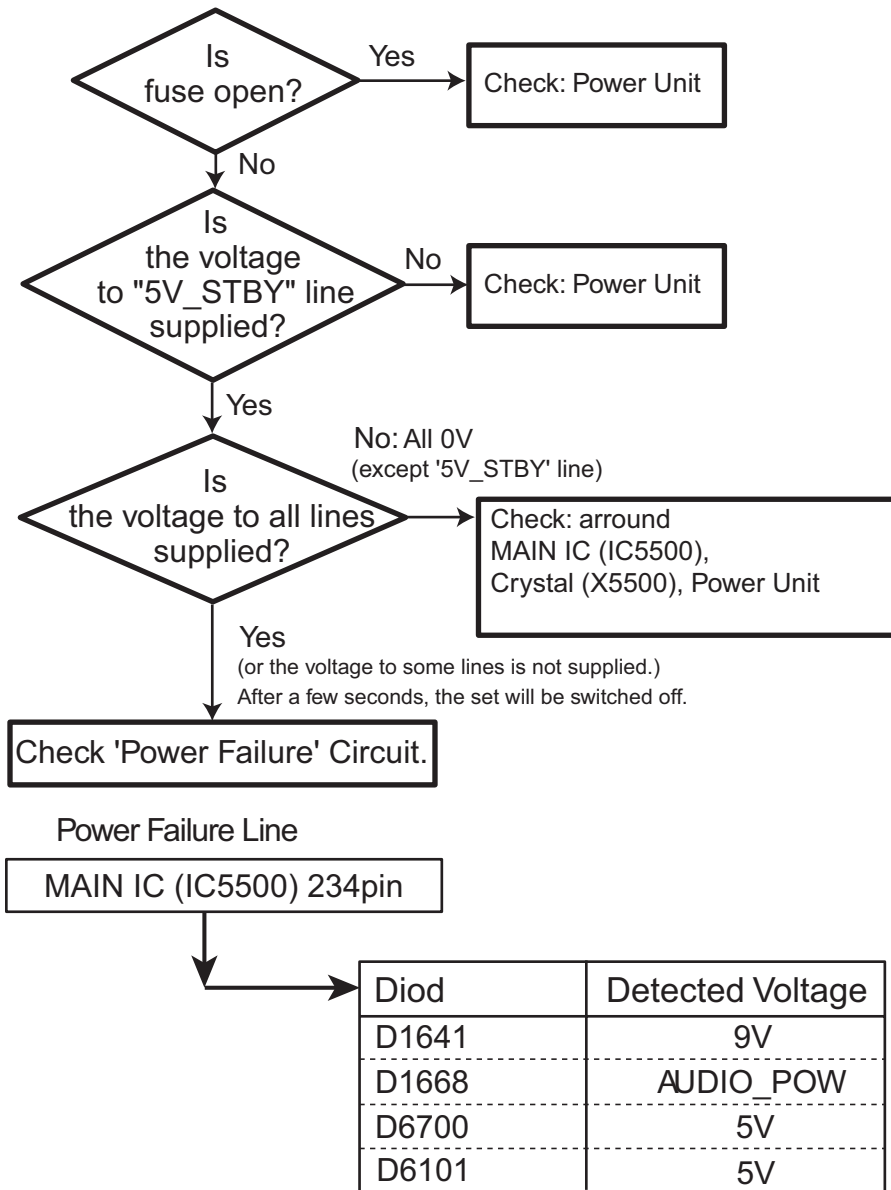


IC5700_C3ABSY000102_IC H5PS5162GFR-S6C



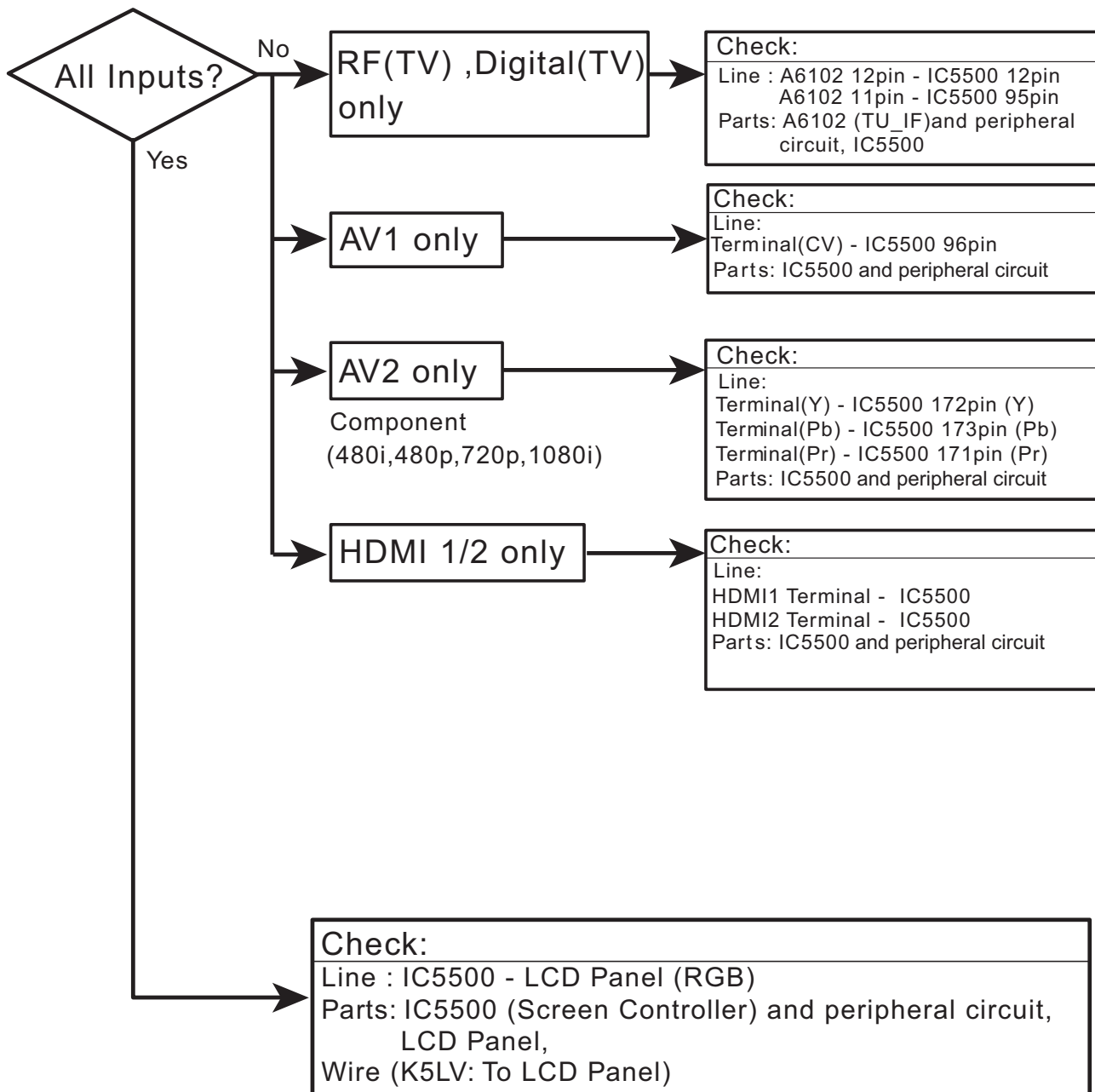
TROUBLESHOOTING FLOW CHARTS

NO POWER



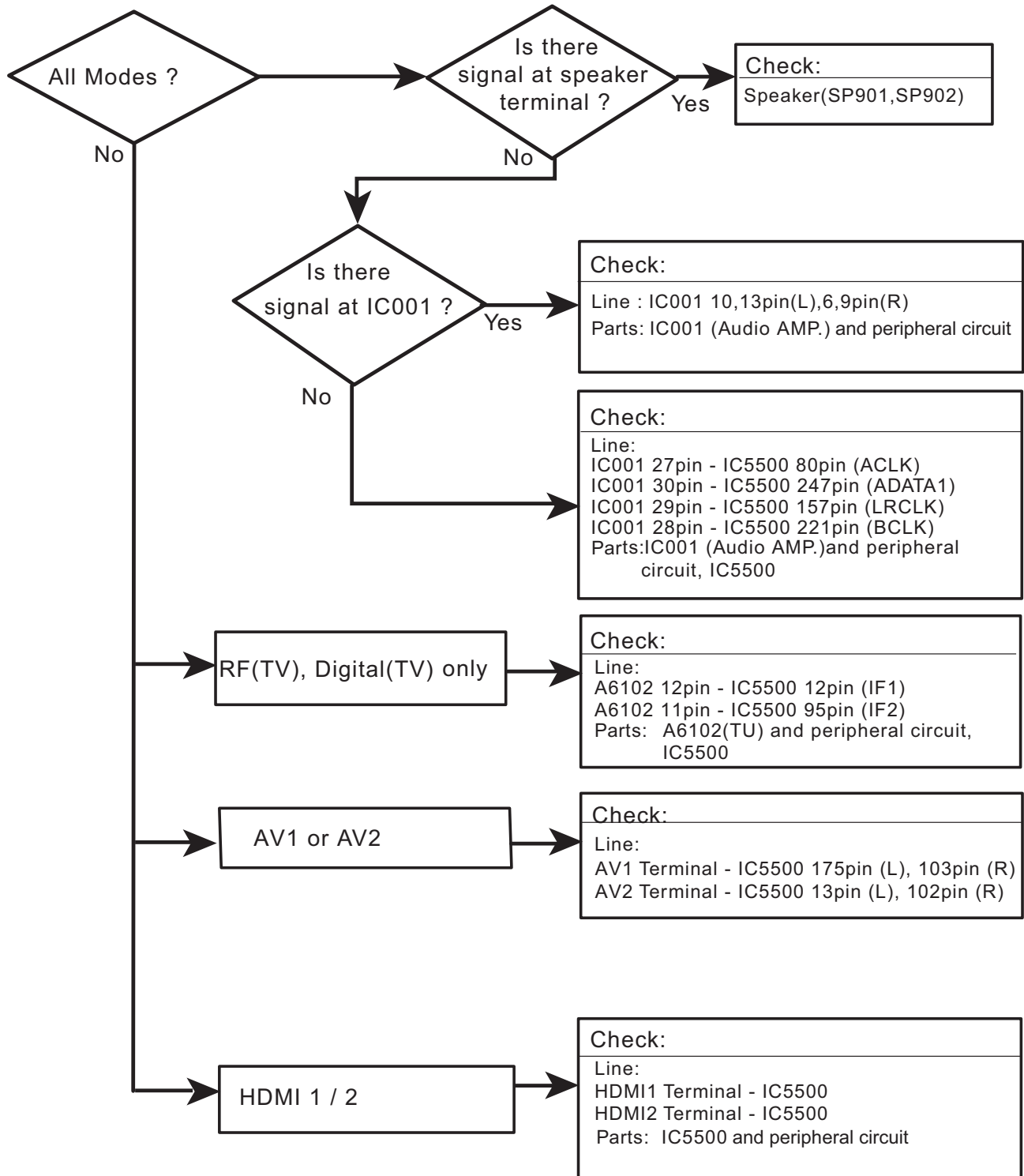
TROUBLESHOOTING FLOW CHARTS (CONT.)

NO VIDEO







TROUBLESHOOTING FLOW CHARTS (CONT.)

NO AUDIO



SCHEMATIC NOTES

NOTES ON SCHEMATIC DIAGRAMS

1. All resistance values in ohms K=1,000 M=1,000,000.
2. Resistors specified with resistance value are "1/6DJ."
3. Resistors specified with type of resistor, tolerance and resistance value are "1/4."
4. Unless otherwise noted on schematic, all capacitor values less than 1 are expressed in μF (Micro Farad), and the values more than 1 are in pF.
5. All capacitors are 50 WV rating unless otherwise noted.
6. Unless otherwise noted on schematic, voltage reading taken with VOM from point indicated to chassis ground. Voltage reading taken using color-bar signal VHF channel 5, all controls at normal. Line voltage at 120 volts. Some voltages may vary with signal strength.
7. Waveforms were taken with color-bar signal and controls set for normal picture. Waveforms marked with an * may vary with signal strength.
8. The Symbol  indicates a fusible resistor, which protects the circuit from possible short circuits.
9. Parts enclosed with  are related with X-radiation.
10. Isolation border line.  Cold Side  Hot Side
11. Schematic part location numbers may not always match the schematic symbols.
The schematic symbols and part descriptions are correct and should be used.
The part descriptions will be listed under the location number in the parts list.





ELECTROSTATICALLY SENSITIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

SERVICE NOTES:

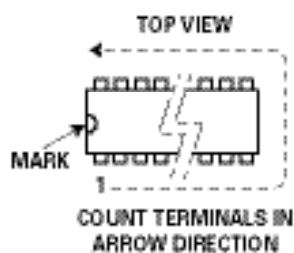
1. When replacing parts on circuit boards, clamp the lead wires to terminals before soldering.
2. When replacing high wattage resistors on circuit board, keep the resistor body 10 mm (3/8) from circuit board.
3. Keep wires away from high voltage and high temperature components.

PRODUCT SAFETY NOTICE

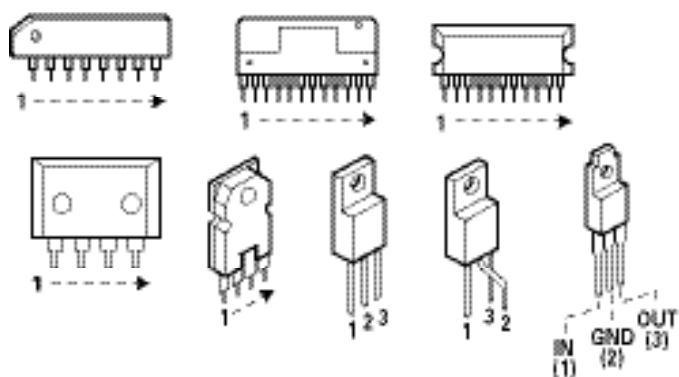
THE COMPONENTS DESIGNATED BY A  ON THIS SCHEMATIC DIAGRAM DESIGNATE COMPONENTS WHOSE VALUES ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A  NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST. DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLTAGE RATINGS SHOWN.

IC, DIODE, AND TRANSISTOR PIN LAYOUTS

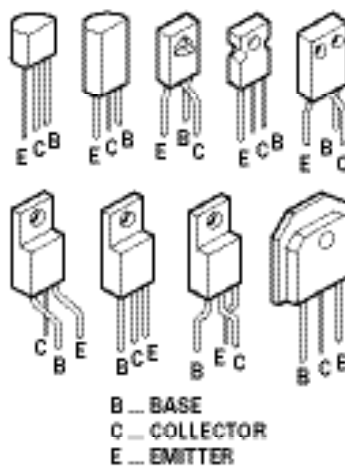
INTEGRATED CIRCUITS



SIDE VIEW

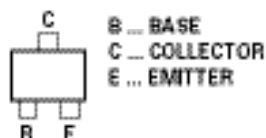


TRANSISTORS

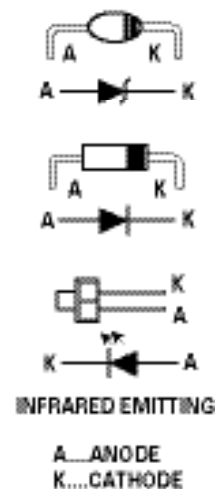


CHIP TRANSISTORS

TOP VIEW

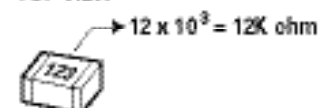


DIODES



CHIP RESISTORS

TOP VIEW



LCD PANEL



| 25A9335 (TYPE) | | 14TH CODE | 25A9335 | 25A1015 | 25A564A |
|----------------|---------|-----------|---------|---------|---------|
| AB | 7T20181 | | R | Y,GR | R |
| AC | 7T20182 | | Q,R | O,Y,GR | Q,R |

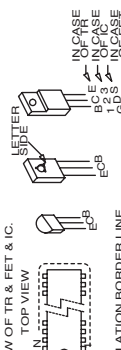
| | | | |
|----|-----------|---------|---------|
| | 14TH CODE | 2SA1179 | 2SA1037 |
| AJ | 7T200221 | M6,M7 | RS |

| | | | | |
|----|-----------|----------|---------|---------|
| | 14TH CODE | 2SC1740S | 2SC945A | 2SC1815 |
| AD | 7T20183 | Q,R,S | QA,PA | Y,GR |
| AE | 7QT00202 | Q,R,S | RAQA,PA | O,Y,GR |

| | | | |
|----|-----------|---------|----------|
| | 14TH CODE | 2SC2812 | 2SC2412K |
| AH | 7T200220 | L6,L7 | RS |

NOTES:

- NOTES:
1. RESISTORS SPECIFIED WITH RESISTANCE VALUE ARE "1/60D".
 2. RESISTORS SPECIFIED WITH TYPE OF RESISTOR, TOLERANCE, AND RESISTANCE VALUE ARE "1/4".
 3. ALL CAPACITORS ARE 50WV RATING UNLESS OTHERWISE NOTED.



5. ISOLATION BORDER LINE.

COLD SIDE
~~WET SIDE~~

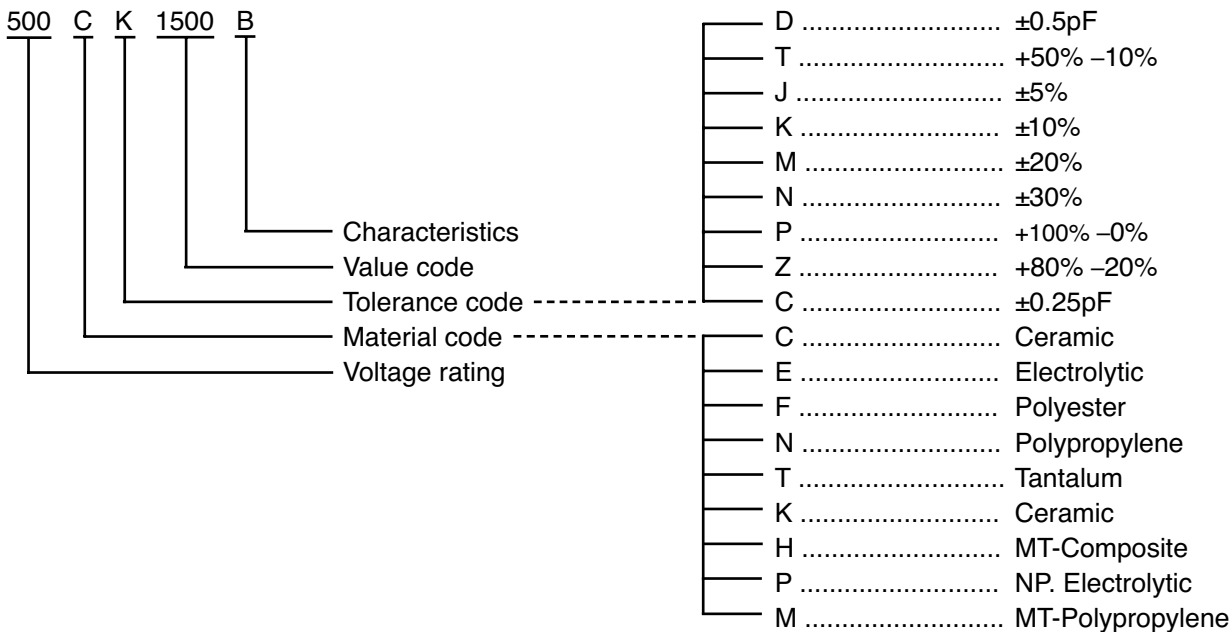
6. CHIP TRANSISTORS

7. CHIP RESISTORS

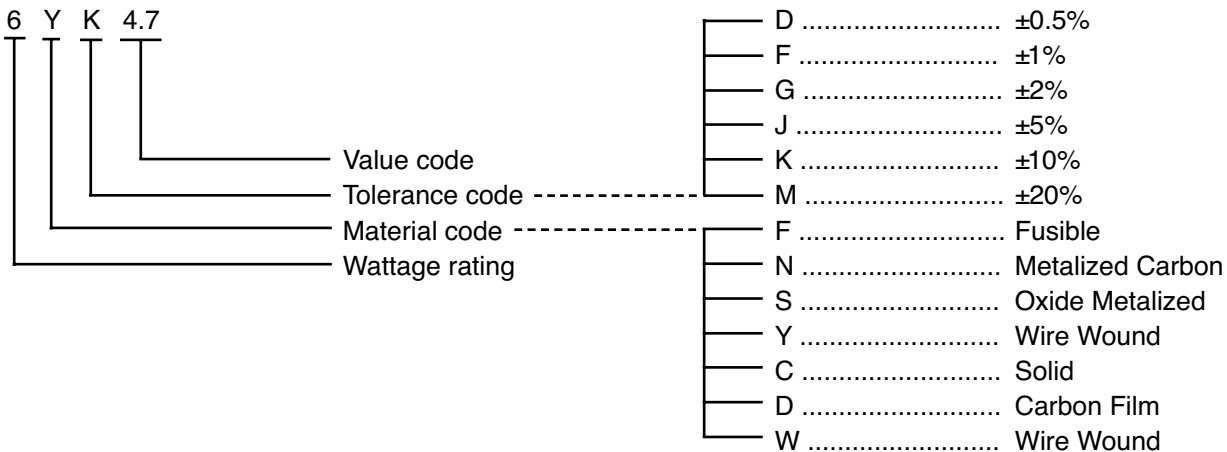
NOTE. "J" : JUMPER WIRE.
"X" : PART NOT USED.

CAPACITOR AND RESISTOR CODE CHART

CAPACITOR (Example)

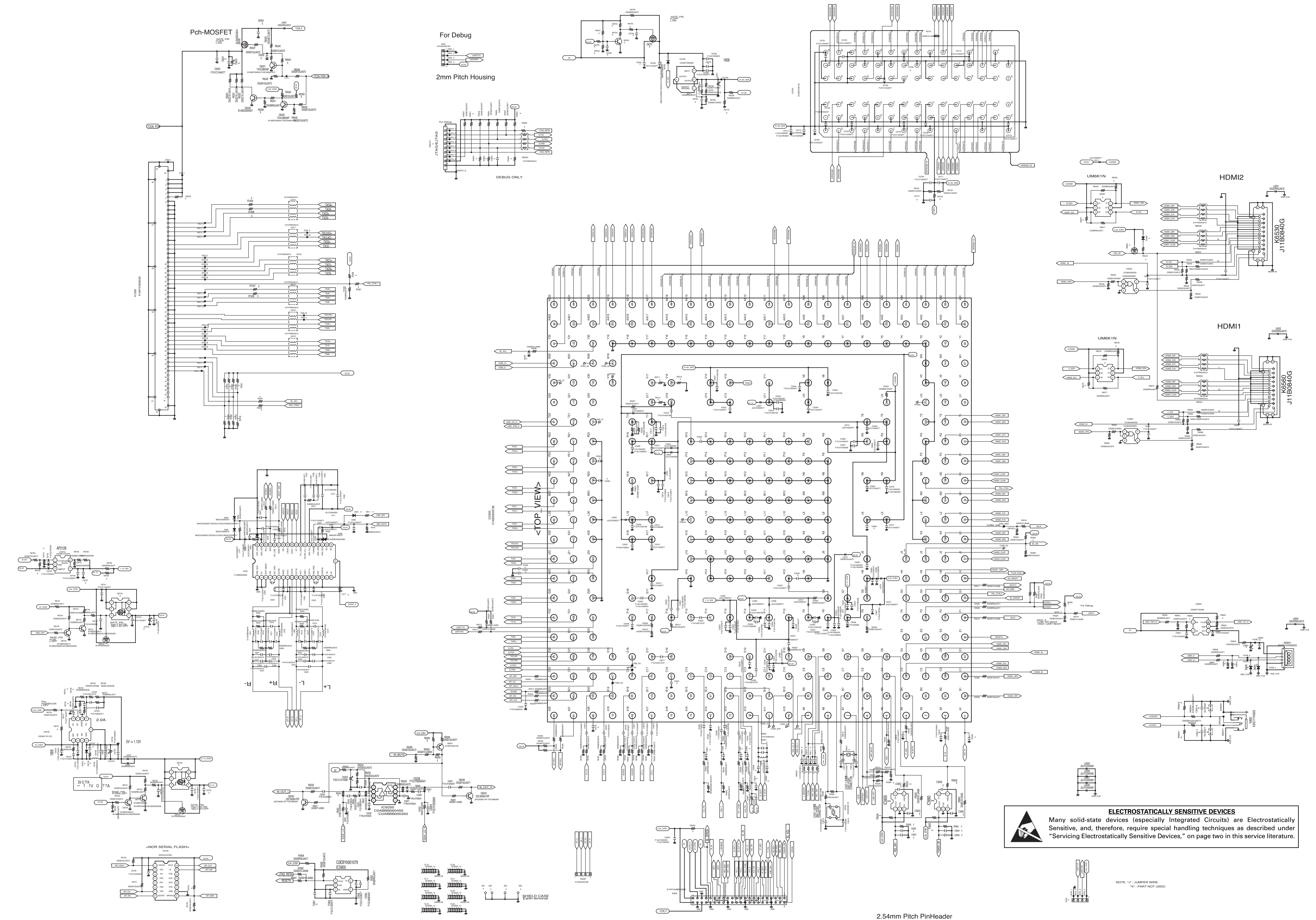


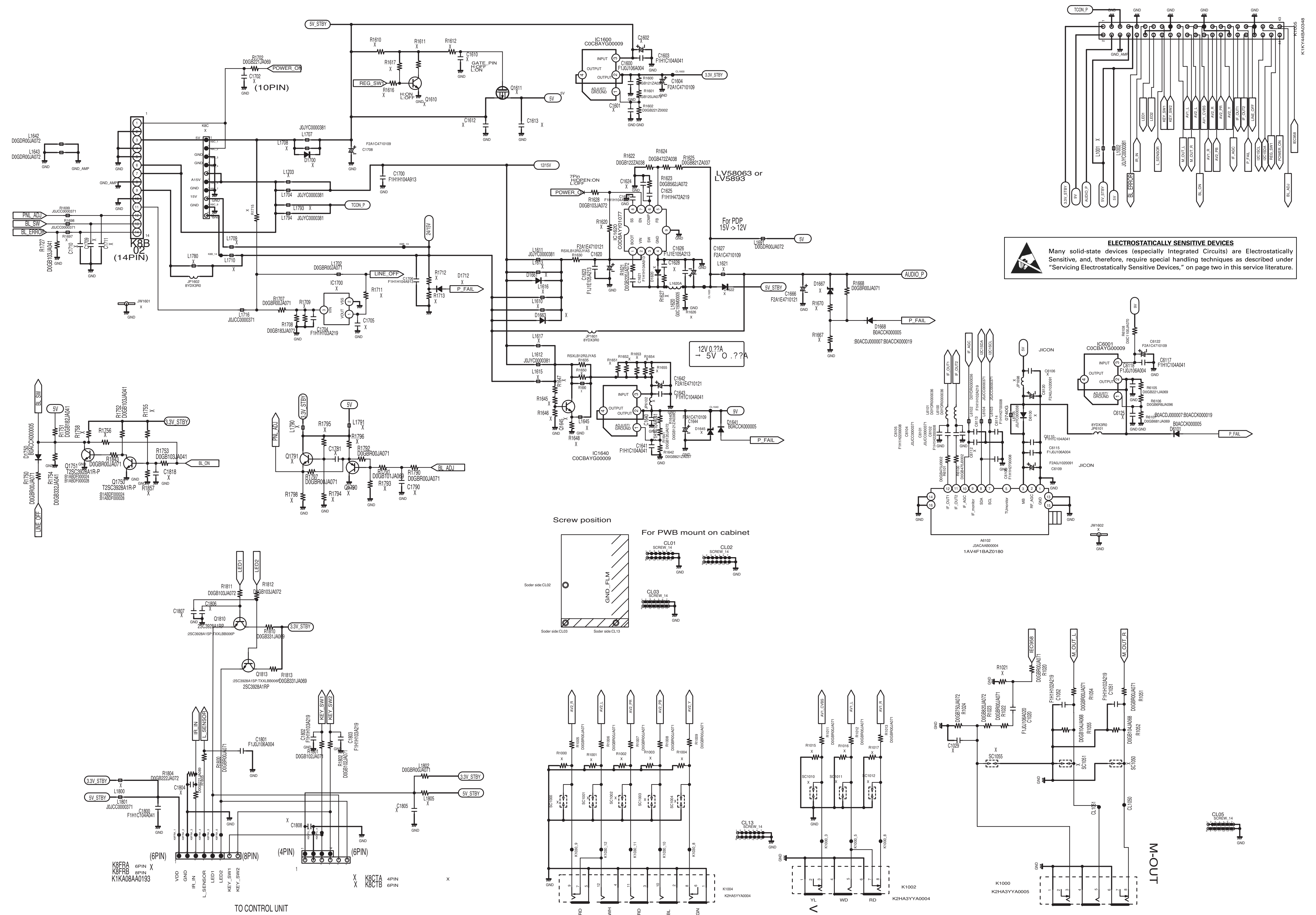
RESISTOR (Example)




For parts or service contact

Sanyo Manufacturing Corporation
P.O. Box 2000
3333 Sanyo Road
Forrest City, Arkansas 72335-2000







ELECTROSTATICALLY SENSITIVE DEVICES

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